

12 July 2004

Givaudan[®]

Elizabeth Butler
Remedial Project Manager
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U.S. Environmental Protection Agency
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Copy to:
Kedari Reddy
Assistant Regional Counsel
U.S. Environmental Protection Agency
290 Broadway - 19th Floor
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Subject : Lower Passaic River Study Area
 Request For Information Pursuant to 42 U.S.C. §§ 9601-9675

Dear Ms. Butler:

Givaudan Fragrances Corporation (Givaudan) has prepared the attached response to the United States Environmental Protection Agency (EPA) request for information received on 13 May 2004 (Response Document). A copy of the letter from EPA is provided as Attachment 1 to the Response Document. Givaudan understands that the request for information was made pursuant to Section 104(e)(2) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (CERCLA), 42 U.S.C. Section 9604(e)(2), and is associated with investigating the alleged presence of hazardous substances, pollutants and contaminants in the Lower Passaic River Study Area.

Givaudan understands that the EPA has specifically requested information pertaining to the Givaudan facility located at 125 Delawanna Avenue, in Clifton, New Jersey. The attached response includes information pertaining to the 125 Delawanna Avenue property, which was the production portion of Givaudan's former Clifton, New Jersey facility, located on the south side of Delawanna Avenue. Information pertaining to the non-production portions of the facility, located on the north side of Delawanna Avenue, is also provided where this information may be appropriate and relevant to the request for information. The figures provided in Attachment 2 show the locations of former Givaudan-owned properties in Clifton, New Jersey.

Givaudan ceased operations at the facility in 1998. Properties on the north side of Delawanna Avenue were sold in 2000, and most have been redeveloped. All but 2-acres of the 125 Delawanna Avenue property was divested in 2001, following the removal of site sewers and razing of all above grade structures, and the parcel has been completely redeveloped with two large warehouse facilities (one 400,000 square feet and one 250,000 square feet). Much of the historical documentation that was formerly kept at the facility was destroyed when it was decommissioned. Most employees that were involved in production operations at the facility are no longer retained by Givaudan.

The request for information includes questions that require substantial investigation and historical document review. A complete and comprehensive response requires more time than allotted in the request for information, and subsequent extension documented in Attachment 3. This submittal includes information that could be gathered within this timeframe, but additional information may follow based on our continuing investigation.

The information provided in this submittal was obtained from multiple sources, including: Givaudan archives, interviews with former facility personnel (completed at the time the facility was closed), and reports submitted to regulatory agencies. Most regulatory submittals were made pursuant to remediation agreements between Givaudan and the New Jersey Department of Environmental Protection (NJDEP). These included two Administrative Consent orders (ACOs), and a remediation agreement triggered by New Jersey Industrial Site Recovery Act (ISRA) requirements when the facility closed. Regulatory submittals that are routinely referenced in the Response Document, and the acronyms used to reference them, are identified below.

<i>Regulatory Submittal</i>	<i>Acronym</i>
Preliminary Assessment Report (ERM, February 2000)	<i>PAR South</i>
Preliminary Assessment Report (ERM, September 1998)	<i>PAR North</i>
Remedial Action Work Plan for Soils (ERM, April 2000)	<i>RAWPS</i>
Interim Ground Water Report (ERM, February 2000)	<i>IGWR</i>
Remedial Action Report for Sewer Decommissioning (ERM, June 2000)	<i>RARSR</i>

Additionally, information previously submitted in response to a NJDEP request for information dated 20 June 1983 is referenced throughout this submittal. The response was submitted by Givaudan on 26 July 1983, and is provided as Attachment 4 to the Response Document.

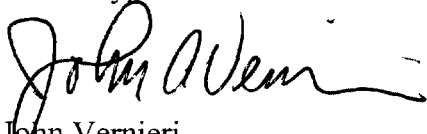
The list of documents attached to the Response Document is as follows:

- Attachment 1 – EPA Request for Information dated 30 April 2004
- Attachment 2 – Givaudan's Former Clifton, New Jersey Properties
- Attachment 3 – Letter to EPA dated 25 June 2004
- Attachment 4 - Response to 1983 NJDEP Request For Information
- Attachment 5 – PAR South, Attachment 4
- Attachment 6 – Sewer Map dated March 1946
- Attachment 7 – Letter from NJDEP dated 31 July 1997
- Attachment 8 – Summary of Hazardous Waste Manifests (1998-2000)
- Attachment 9 – Hexachlorophene Disposal Activities (1978-1983)
- Attachment 10- Figure 1-3 from the RAWPS
- Attachment 11 - Wastewater Sampling Results (1980-1981)
- Attachment 12 – Letters from NJDEP dated 20 July 1999 and 29 July 1999
- Attachment 13– FEMA Floodplain Map
- Attachment 14– Environmental Data Resources, Inc. (EDR) Reports
- Attachment 15 - Certificate of Incorporation
- Attachment 16 – Givaudan Annual Report (2003)

As noted above, a complete copy of the EPA request for information is included as Attachment 1 of the Response Document. However, for ease of reference purposes, the specific information requests are restated in bold font in the Response Document, followed by Givaudan's response in normal font.

If you have any questions regarding the contents of this letter, please direct them to Gail H. Allyn, Pitney Hardin, LLP, P.O. Box 1945, Morristown, NJ 07962-1945, telephone (973) 966-8048.

Sincerely,



John Vernieri
Vice President – Fragrance Operations
North & Latin America

Enclosures: Response Document (with attachments noted above)

cc: Timothy Gromen, *Givaudan*
Gail H. Allyn, *Pitney Hardin, LLP*
Ronald Fender, *ERM*

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Givaudan Fragrance Corporation

Request for Information
Response Document
Clifton, New Jersey

9 July 2004

0018037

Givaudan Fragrance Corporation

Request for Information
Response Document
Clifton, New Jersey

9 July 2004

0018037

A complete copy of the EPA request for information is included as Attachment 1. However, for ease of reference purposes, the specific information requests are restated below in bold font, followed by Givaudan's response in normal font.

- 1) **How long has your company operated at the facility? If your company no longer operates at this facility, during what years did your company operate at the facility?**

Givaudan operated at the facility for approximately 77 years between 1921 and 1998. Properties on the North Side of Delawanna Avenue (i.e., Tax Block 61.14: Lots 22, 26, 27, 28, 29 and 30 & Tax Block 61.03: Lots 20, 26, 27 and 38) were sold in 2000, and the 125 Delawanna Avenue property (Block 73-03: Lots 2.01, 102 and 104) was sold in 2001. Givaudan retains ownership of a 2-acre parcel (Block 73-03: Lot 2.02), located at 275 River Road in Clifton, New Jersey. Lot and Block boundaries are shown on the Tax Maps provided in Attachment 2.

- 2) **a) Does your company have or has it in the past had a permit or permits issued pursuant to the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §6901 et seq.? If "yes," please provide the years that your company held such a permit and it's EPA Identification Number.**

Givaudan submitted a Part A notification, indicating they stored hazardous waste onsite for greater than 90 days. Givaudan obtained a RCRA Hazardous waste generators permit and was classified as a Large Quantity Generator of Hazardous Waste. The Hazardous Waste EPA ID number was NJD002156354. The New Jersey Department of Environmental Protection (NJDEP) issued the most recent permit on 21 December 1992 (NJDEP permit number 1602E1HP03). This permit was terminated on 26 September 1997.

- b) Does your company have or has it in the past had a permit or permits issued to Federal Water Pollution Control Act, 33 U.S.C, § 1251, et seq.? If "yes," please provide the years your company held such a permit and its Identification Number.**

At the time of facility closure, wastewater permits were covered under a single permit document with an effective date of 17 March 1996. The facility discharged industrial wastewater to the Passaic Valley Sewage Commission (PVSC) under the following permit Numbers:

- 0340-1021 (outfall 001)-Industrial wastewater from 125 Delawanna Avenue.
- 0340-1022 (outfall 002)- Industrial wastewater from Building 103 and Building 105, and
- 0340-1023 (outfall 003)- Sanitary wastewater from 125 Delawanna Avenue.

The above permit document was terminated on 23 December 1998. A prior PVSC sewer connection permit, with an effective date of 30 March 1981, also allowed for the discharge of wastewater under permit number 0340-1023.

3) Did your company receive, utilize, manufacture, discharge, release, store or dispose of any materials containing the following substances:

Substances confirmed to have been used onsite, or contained in materials that were confirmed to have been used onsite, are identified below. Other substances on the list are being evaluated to determine whether they are constituents of products identified in Attachments 4 and 5.

Compound	YES	NO
2,3,7,8 tetachlorodibenzo-p-dioxin	x	
2,4-Dichlorophenoxy acetic acid (2,4-D)		
2,4,5 -Trichlorophenoxy acetic acid (2,4,5-T)		
2,4,5 -Trichlorophenol (2,4,5-TCP)	x	
or other dioxin compounds		
Dichlorodiphenyl-trichloroethate (DDT)		
Benzene	x	
Ethyl benzene	x	
Total Petroleum Hydrocarbons (TPEH)		
Polycyclic Aromatic Hydrocarbons (PAH)		
if "yes", please list specific compounds		
Toluene	x	
Xylene	x	
PCBs	x	
Antimony		
Argon		
Arsenic		
Cadmium		
Chlorine		
Chromium		
Copper		
Iron		
Lead		
Mercury		
Nickel		
Silver		
Sulfur		
Titanium		
Vanadium		
Zinc		
Cyanide		
Acetone	x	
Acetylene	x	
Acetylene tetrabromide		
2 butoxy ethanol		
BIS (2-ethylhexyl) phthalate		
Chlorodifluoromethane		
Chloropentafluoromethane		
Chlorotrifluoromethane		
Dibutyl phthalate		
Dichlorodifluoromethane		
Naphtha		
Silver nitrate		
Silver bisulfide		
Sodium hydroxide	x	
sodium nitrate		
Tungsten		

- 4) **a) Provide a description of the manufacturing processes for which all hazardous substances including but not limited to, the substances listed in response to item (3), were a product or by-product.**

Historical manufacturing processes are described in the response to question 5).

- b) During what parts of the manufacturing processes identified in the response to items (4)(a), above, were hazardous substances, including, but limited to, the substances listed in response to item (3), generated?**

Products produced by Givaudan between 1924 and 1983 are identified in Givaudan's 26 July 1983 response to a NJDEP request for information, which is provided as Attachment 4. More recent products were identified in Attachment 4 of the *February 2000 Preliminary Assessment Report* (PAR South), which is provided as Attachment 5 to this response. Production operations are described in the response to question 5).

- i) Describe the chemical composition of these hazardous substances.**

Related information is provided in Attachments 4 and 5.

- ii) For each process, what amount of hazardous substances was generated per volume of finished product?**

Givaudan archives are being reviewed, and relevant process specific information will be provided at a later date.

- iii) Were these hazardous substances combined with wastes from other process? If so, wastes from what processes?**

Based upon a 1979 internal memo, Givaudan used production waste as a fuel source. Wastes may have been blended to increase energy output. Givaudan archives are being reviewed, and relevant information will be supplied at a later date.

- 5) **Describe the methods of collection, storage, treatment, and disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) and (4). Including information on the following:**

Descriptions of storage areas, building activities (including indoor storage), wastewater and stormwater drainage, and disposal of wastes are provided below. These descriptions have been separated into two general time periods (1940s-1950s and 1960s-1990s), and represent current understanding of historical practices based on limited available information. These time periods were chosen based on available information. Relevant information was not available from the 1920s and 1930s. The information presented in this section was gathered from multiple sources, including:

- 1940 and 1950 Sanborn Fire Insurance Maps,
- 1951 and 1955 air photographs,
- Preliminary Assessment Reports submitted to NJDEP in 1998 and 2000,
- Facility aboveground and underground storage tank diagrams, and
- Facility sewer schematics.

Activities onsite may have changed over time. The descriptions presented are believed to be generally representative of operations at the facility during the time period specified. Additional sources of information continue to be sought, and if new information changes this understanding, or is otherwise considered relevant, it will be submitted as an addendum to this response.

Description of The Givaudan Corporation (Givaudan): 1940s-1950s:

Givaudan manufactured fine chemicals and fragrances referred generally at that time as aromatic chemicals. Feedstock raw materials consisted mostly of spices, essential oils, solvents, and acids. The raw materials were processed onsite using various processing and refining techniques such as compounding, mixing, distilling, purifying, drying, and autoclaving. The majority of finished goods were transferred into steel drums (liquid product) or bags (powdered product). The final product was either stored indoors or outside for collection by truck or railcar for distribution.

Table A shows activity descriptions for each building during 1940, based on a 1940 Sanborn map. A similar facility layout is shown on the 1950 Sanborn map, but process descriptions are not as detailed.

Table A: Description of Activity & Process By Building
 (source: 1940 Sanborn map)

Building	Description
35	Storage of finished goods, manufacture of a crude lourine, first aid, manufacture of Phenyl ethyl alcohol
36	Laboratory, storage of containers, compounding, manufacture of crude Thymol, manufacture of Meta cresol, storage of cloves, Palmitic acid, Musk intermediate refining, manufacture of disinfectants
34	Offices, storage of in process goods, laboratory
37	Compounding of flavoring extracts
42-47	Manufacture of aromatic chemicals
52-57	Manufacture of aromatic chemicals
58-63	Manufacture of aromatic chemicals
64	Analytical laboratory
7	Boiler building
7A	Boiler feed, pumps & air compressor
7C	Water treatment
12	Compounding, manufacture of Turpineol, shipping & storage of finished goods & goods in process, Turpineol distillation
4A	Washing bottles & steel drums
4	Storage of goods in process, distilling & purifying
3	Storage of goods in process, refrigeration machinery, & brine tank
1	Offices, library, laboratory, wash room, storage of alcohol in drums
14	Compounding, storage & loading bay for finished goods
2	Storage of finished goods & goods in process
3	Drying, storage of goods in process, refrigeration storage equipment
5	Distillation & extraction of ground spices
6	Distillation of essential oils
20	Manufacture of aromatic chemicals
21	Distillation of essential oils
22	Distillation
23	Manufacture of cinnamyl alcohol

Table A: Description of Activity & Process By Building
 (source: 1940 Sanborn map)

Building	Description
24	Musk refining
25	Musk refining
28-32	Heliotropine manufacture & drying, storage of empty cans & boxes, storage of miscellaneous chemicals in drums & bags
40	Storage of essential oils
8	Spice pulverizing
12	Compounding, shipping, of finished goods, storage of finished goods, storage of bottles
27	Manufacture of fine chemicals
9	Manufacture of crude vanillin
9A	Manufacture of Benzyl esters
19	Oil heater, oil burner, circulating pump
17	Asbestos pipe insulation, old corrugated paper cartons
15	Manufacture of crude Heptaldehyde
18	Refrigeration equipment
10	Storage of empty barrels & old machine parts, storage of finished goods
16	Smoking room
15	Manufacture of crude Heptaldehyde
11	Storage of sodium

Raw Material Handling and Drum Storage:

Raw materials were received by railcar from the Delaware Lackawanna & Western Railroad and were transferred onsite via handcart (drums) or pumped (tanks) and stored onsite. During the 1940/1950 timeframe there was outside drum storage. Drums were received at the River Road entrance by truck and were transported for storage outside the building of intended use. Flammable drums were stored in the flammable drum storage area located west of the stormwater retention Pond (Pond). Empty drums containing small amounts of residue were stored at the south end of the property prior to removal from the site. Most drums were stored on unprepared surfaces, without secondary containment. Table B summarizes

drum storage areas at Givaudan during this timeframe, and was developed based on a review of 1951 and 1955 aerial photographs and 1940 and 1950 Sanborn maps.

Table B – Drum Storage Area Inventory
(source: 1951 and 1955 Air Photos, 1940 and 1950 Sanborn maps)

Drum Storage Location	Description Of Storage Area
East of Bldg 7	-
East of Bldg 9	-
South of Bldg 72 & 67	Storage of finished products in drums
North of Bldg 36	-
East of Bldg 20	Storage of product & solvents in drums
West of Bldg 25	
East of Bldg 22	Storage of product & solvents in drums
East of Bldg 28	Storage of product & solvents in drums
East of Bldg 50	Storage of finished products in drums
North of Bldg 48	Storage of raw materials in drums
East of Bldg 48	Storage of raw materials in drums
East of Bldg 51	Storage of raw materials in drums
West of Bldg 42	Storage of finished products & recovered solvents in drums
West of Bldg 52	Storage of solvents, caustic soda & potash in drums
Southwest of Bldg 52	Storage of solvents, caustic soda & potash in drums
South corner of Property	Storage of manufacturing residues in steel drums
Around Pond	-
South of Bldg 71	Storage of raw materials in drums
East of Bldg 78	Storage of raw materials in drums
Further East of Bldg 78	Storage of empty drums
Northeast of Bldg 78	Storage of flammable liquids in drums
South of Bldg 50	Storage of residues in drums

Aboveground and Underground Storage Tanks:

Aboveground and Underground storage tanks were used to store carrier liquids and base solvents for the aromatic chemicals. Most of the storage tanks were constructed of steel. During the 1940/1950 timeframe the facility was reportedly using coal as a source of energy for the main boilers located in Building 7. Some fuel oil was stored onsite for heating purposes.

The storage tanks were filled either by railcar or by tank truck. Aboveground and underground storage tanks are described on in Tables C and D, based on a 1940 Sanborn map.

Table C: Aboveground Storage Tank Inventory
(source: 1940 Sanborn map)

Location	Volume (Gal)	Contents
West of Bldg 58	12,000	Sulfuric acid
West of Bldg 52	3,000	Caustic
West of Bldg 52	3,000	Caustic
West of Bldg 52	3,000	Caustic
West of Bldg 52	12,000	Acetic anhydride
West of Bldg 52	5,000	Xylol
West of Bldg 52	5,000	Isopropyl alcohol
East of Bldg 26	12,000	Nitric acid
East of Bldg 26	5,000	Sulfuric acid
South of Bldg 35	700	Meta cresol
South of Bldg 35	700	Meta cresol
South of Bldg 35	3,300	Meta cresol
North of Bldg 35	1,000	Sulfuric acid
South of Bldg 36	1,000	Muriatic acid
South of Bldg 36	1,000	Muriatic acid
South of Bldg 36	1,000	Muriatic acid
South of Bldg 36	1,100	Xylol
South of Bldg 36	600	Xylol
East of Bldg 28	3,000	Butyl alcohol
East of Bldg 28	3,000	Butyl alcohol

Table D: Underground Storage Tank Inventory
(source: 1940 Sanborn map)

Location	Volume (Gal)	Contents
West of Bldg 48	25,000	Toluol
West of Bldg 48	25,000	Xylol
West of Bldg 48	20,000	Toluol
West of Bldg 48	10,000	Methyl ethyl ketone
South of Bldg 43	750	Isopropyl alcohol
South of Bldg 45	1,000	Methanol
South of Bldg 45	1,000	Methanol
West of Bldg 34	10,000	Alcohol
South of Bldg 9/19	1,000	Fuel oil
North of Bldg 9/19	300	Toluol
North of Bldg 9/19	300	Toluol
West of Building 12	7,600	Pine oil
West of Building 12	7,600	Pine oil
West of Bldg 14	500	Gasoline
West of Bldg 14	25,000	Pine Oil
West of Bldg 14	25,000	Pine Oil
West of Bldg 14	25,000	Turpentine
West of Bldg 14	25,000	Turpentine
West of Bldg 2	3,000	Benzol
Between Bldg 20 & 21	1,000	Fuel oil
Between Bldg 20 & 21	250	Circulating oil

Indoor Building Storage:

Product was stored indoors, and included refrigerated storage of some of the fine chemicals that could deteriorate if stored at ambient temperatures. Table E summarizes areas of indoor storage, based on a 1940 Sanborn map.

Table E: Indoor Building Storage Inventory
(source: 1940 Sanborn map)

Location	Description
Bldg 48/51	Storage of soda ash, nutmeg, caustic soda, sodium acetate, cardamom seed, bagged corn cake, empty cans & barrels, new carpenter containers
Bldg 10	Storage of empty barrels & finished goods
Bldg 2	Storage of finished goods & goods in process (drums)
Bldg 3	Storage of goods in process
Bldg 49	Storage of bichromate of soda
Bldg 12	Storage of finished goods, storage of bottles, cans, paper, boxes
Bldg 34	Storage of goods in process
Bldg 35	Storage of finished goods
Bldg 36	Storage of cloves, palmitic acid, disinfectants
Bldg 1	Storage of alcohol in drums

Floor Drains and Sewers:

During the 1940/1950 timeframe Givaudan had two sewer systems in place onsite as follows:

Sanitary sewers collected sanitary wastewater via six inch vitrified clay pipelines connected to an eight inch vitrified clay main sanitary sewer line located on Delawanna Avenue. The six inch vitrified clay sanitary sewer line collected sanitary sewage from buildings 3, 4, 5, 6, 12, 34, 36, and 21 and directed the sanitary sewage to the City of Clifton via Delawanna Avenue.

Industrial wastewater was collected by a chemical sewer and directed south to River Road for treatment by the City of Clifton. The chemical sewer collected wastewater from the manufacturing buildings. Wastewater was collected from floor drains, and trenches constructed within concrete or tiled flooring. The drains consisted of vitrified clay pipe of various sizes that led to a main 18 inch vitrified clay chemical sewer that ran directly south and then southwest towards River Road. A Manhole at River Road provided access at the discharge point to the City of Clifton sewer system.

Attachment 6 is a map that shows the configuration of the plant sewer in March 1946.

Stormwater:

Rainwater falling onto rooftops and facility surfaces at the site is reported to have generally flowed to the Pond located at the center of the facility. No other specific stormwater retention structures are known to have existed onsite during the 1940/1950 timeframe. Information provided in a *Draft Remedial Investigation Report* (ERM, October 1988) indicates that an intermittent stream may have transported overflow stormwater from the Pond area directly south, towards River Road. Available documentation from this timeframe does not indicate where the stormwater flowed from River Road.

Rainwater falling onto rooftops and facility surfaces at the southwest portion of the facility is reported to have runoff by sheet flow to a stormwater swale that ran south along the Delaware, Lackawanna & Western Railroad. This stormwater swale directed stormwater south towards River Road. There is no documentation available from this timeframe to indicate where the stormwater flowed from River Road. In 1999, three soil samples were collected from the two known points of discharge into the swale from the facility, as described in stormwater section for the 1960s through 1990s timeframe.

Waste Handling and Disposal Practices:

Limited information exists regarding onsite waste handling practices during the 1940/1950 timeframe. A chemical effluent pit and spent acid pit (SAP) were located directly adjacent to the Pond. These features are discussed further in the response to question 6)c). No manifests or offsite waste disposal records are available to confirm the disposal locations for hazardous and non hazardous waste from the 1940/1950 timeframe.

Description of The Givaudan Corporation (Givaudan): 1960s through 1990s

From the 1960s through 1998, Givaudan manufactured fine chemicals and fragrances at the 125 Delawanna Avenue location. Givaudan also manufactured and stored flavors and essences at Buildings 103 and 105, located on the north side of Delawanna Avenue. Most available information pertains to production activities in 1990s, and unless otherwise noted, the material presented in this section may only be relevant to that timeframe.

Feedstock raw materials consisted mostly of spices, essential oils, solvents, and acids. The raw materials were processed onsite using various processing and refining techniques such as compounding, mixing, distilling, purifying, drying, and autoclaving. The majority of finished goods were transferred into steel drums (liquid product) or bags (powdered product). The final product was stored indoors for collection by truck for distribution.

Activity descriptions for each building on the 125 Delawanna Avenue property were provided in Attachment 3 from the PAR South, and operation descriptions for each building on the north side of Delawanna Avenue were included in Attachment 3 from the *September 1998 Preliminary Assessment Report* (PAR North). This information has been combined into Table F in this response, to provide a summary of what is known about activities in each building during the timeframe referenced in the description.

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
7 and 7A	<ul style="list-style-type: none"> The original Building 7 was constructed before 1919 and was expanded in 1947. The building was always used to house four boilers, which generate steam to be used throughout the facility. At the

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	<p>time of facility closure, steam boilers operated on fuel oil drawn from below-grade, concrete contained, aboveground storage tanks (5,000 gallon No. 2 fuel oil AST, and 40,000 gallon No. 6 fuel oil AST).</p> <ul style="list-style-type: none"> • From 1986 to 1989 a gas-driven steam and electric cogeneration system was used on-site. • In 1994 a new cogeneration system using natural gas was installed. • At the time of facility closure, the system generated 4 MW of electric power and 60,000 pounds/hour steam at 360 psi. • On-site boiler water was treated with zeolite resin beds. A calcium chloride brine chiller driven by electricity was also part of this building.
9	<p>Built in 1968, operations began in this building in 1970. The building was used from 1970 to 1972 to produce hexachlorophene (G-11). Operations included reaction-extraction and steam distillation in two 1,500-gallon glass-lined reactor vessels.</p> <p>From 1972 to 1989 the building was used for production of pseudo-ionone, and other fragrance and industrial chemicals. Processes included use of ten large batch tanks and one large spray dryer.</p> <p>After 1989 the building was converted to a storage warehouse, administration offices, and a maintenance and repair shop.</p>
11	<p>Building 11 was a plastic shed that was erected in the early 1980's for wastewater monitoring operations. The building was constructed with a concrete pit and a parschal flume to measure outflow to the city sewer.</p>
15, 18	<p>These buildings were constructed of wood (Building 15) and brick and wood (Building 18). The buildings were used for storage of equipment and as maintenance shops.</p>
28-32	<p>This complex of buildings was constructed in the 1920's of brick, with a wood-truss roof. The buildings were used for multipurpose crystallization. Butyl toluene was a product that was used extensively in this complex.</p>
34, 34a-36I, 37	<p>This complex of buildings was built around 1918 as production, administration and laboratory buildings. They were constructed of brick with wooden ceilings and roofs. In the 1960's the buildings were used for producing fragrances. Chemicals used</p>

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	<p>in the production processes included laurine, thymol, ethylene dichloride, toluene, benzol, and natural products.</p> <p>Building 37 was used first for the production of flavors and was later used for drum storage.</p> <p>This complex of buildings was demolished in the early 1990's.</p>
42, 43, 43a/40, 44, 45, 46, 47 and 75	<p>This building complex was constructed in approximately 1937, except as noted below, and remodeled in 1987 for storage. Each building was used as follows:</p> <p>Building 42 was used for mixing and blending of natural flavors associated with food products. Process equipment included approximately ten mixing and blending tanks. In recent years the building was used for storage of non-asbestos insulation.</p> <p>Buildings 43, 44, and 45 were used for multipurpose chemical operations using approximately thirty process vessels of stainless steel and glass construction.</p> <p>Building 43a was built in the 1940's as an equipment room and for drum storage. Most recently the building was known as Building 40.</p> <p>Buildings 46, 47, and 75 were used for extraction of natural substances, such as pine needles. Process equipment included two 2,000-gallon, steam-operated atmospheric extractors.</p> <p>In 1990 Building 75 was converted to store drums of intermediate organics and hazardous waste.</p>
49	<p>Building 49 was constructed to store lawnmowers and other equipment.</p>
50	<p>Building 50 was constructed prior to 1963 and was always used as a maintenance shop. The building was added to in the mid-1970's for administrative offices.</p>
52-56	<p>This complex of buildings was constructed in the 1950's together with the 58-65 series of buildings as production buildings.</p> <p>Production operations used the following in their processes: hydrogenation, fine chemicals, fatty alcohols, and toluene. The buildings were demolished in the early 1990's.</p>
57	<p>Building 57 was used for transfer of drummed intermediates and products for final shipment, and for the distillation and stripping of citronellol. Process equipment included six distillation columns of approximately 500 gallons each.</p>
58-64b, 65	<p>This complex of buildings was constructed in the 1950's together with the 52-56 series of buildings. Production operations used</p>

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	<p>the following materials in their processes: hydrogenation, fine chemicals, fatty alcohols, and toluene.</p> <p>Operations in Buildings 58 and 60 included the use of hexachlorophene, TCP, EDC, and paraformaldehyde until the early 1980's.</p> <p>Building 60a was a wooden shed, which was used as a press room for the filter press for G-11 production. The building was constructed in the early 1960's as an addition to the existing building complex.</p> <p>Building 63 was used for the production of fine chemicals.</p> <p>Building 64a/b operated as a laboratory in the 1960's.</p> <p>The complex of buildings was demolished in the early 1990's.</p>
67	<p>Building 67 was built in the early 1950's or earlier as a shipping building. The building also stored empty drums, paper products, and rejected materials.</p>
68	<p>Prior to 1983 Building 68 was used as a warehouse. In 1983 the building was converted for processing raw materials.</p> <p>Operations included process vessels for condensation and substitution, a large drum filter, and one large basket centrifuge.</p>
69	<p>Building 69 was built prior to 1963 and was used as a switch gear center. The building was added to in the 1990's to house electrical distribution equipment and additional switch gear. At one time the building housed transformers.</p>
71	<p>Building 71 was built in 1949 and was used for storage of compressed gas cylinders. The building was later used to store a nitrogen tank.</p>
72	<p>Building 72 was built in the early 1950's and has had multiple purposes. The first floor of the building was always used for shipping and receiving. The building once housed laboratories and offices. Until the late 1970's the building was used for the production of flavor compounds.</p>
73	<p>Building 73 was built prior to 1963 and was constructed entirely of wood. The building was used as a pump house for USTs. Chemicals were delivered in bulk, were pumped into the USTs. The chemicals were then pumped from the USTs to 55-gallon drums for distribution within the facility. The building was removed in 1973 when the USTs were removed.</p>
74	<p>Building 74 was built prior to 1963 and was constructed of wood. In 1963 the building was used for drum storage. The</p>

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	building was converted in the mid-1980's to house wastewater processing operations until it was shut down in 1998.
77	Building 77 was constructed prior to 1963 as a storage shed and TCP handling area. The building was demolished in the early 1990's.
78	Building 78 was a wooden shed, which was built in 1950 and was always used as a warehouse for storing finished goods prior to shipment. Finished goods were stored in 55-gallon drums on pallets, or in 350-gallon carboy tote sealed for shipment.
79	Building 79 was constructed in the mid- to late-1950's as a multi-purpose building for the production of approximately fifty products. The building was constructed of reinforced concrete with a wood-truss roof. Chemicals used in the building include methylations, methyldiphenyl ether, para and orthocresol, vanillin, methyl chloride.
80-83a/b	This complex of buildings was built at the same time as Building 79 (1950s), and was constructed of reinforced concrete with a wood-truss roof. Building 80 was used for distillation of product, primarily lilial, natural products and turpene-based chemicals. Chemicals used in the production process in Building 81 included tertiary butyl benzaldehyde, manganese dioxide, sulfuric acid, and butyl toluene. Chemicals used in the production process in Building 82 included multipurpose chemicals, natural products, and an early process for bromonitrostyrene. Buildings 83a and 83b housed QA and research laboratories.
84	Building 84 was built in the mid-1970's. The building was used as a guardhouse and as offices for the administrative staff.
85	Building 85 was always used for wastewater treatment operations. The building was used as a lime tower until the mid-1980's when the wastewater stripper was installed for the OCPCS program.
88	Building 88 was a shed constructed in the early 1960's of metal, wood and transite asbestos board, with a concrete or paved floor. The building was built to store winter equipment (salt, plows, etc.). Building 88 was demolished in 1998.
89	Building 89 was constructed in 1962 for the purpose of container and drum washing. The building was also used as a storage

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	garage for the facility fire truck, and the facility hazmat response truck.
90	Building 90 is estimated to have been built in the late 1940's (at approximately the same time as building 78) as a warehouse with a dirt floor. The building was used for storage of spare parts and dry chemicals, such as soda ash, salt and commodity chemicals.
91	Building 91 was built in approximately 1965, and was a metal storage warehouse with unfinished floors. The shed was used to store empty drums and sodium methylete (a water sensitive material).
92	Building 92 was constructed in 1964 for flavor blending operations. The building was constructed of brick with metal decking and a fiberglass roof. The building contained approximately ten mixing and blending tanks for blending and mixing of flavor essences, sugars and starches. After 1993 the building was used for the storage of organic intermediates stored in 55-gallon drums on pallets.
93	Building 93 was built in 1966, commissioned in 1968, and renovated in 1990-91. The building was used for major multi-process operations in the formulation of industrial chemicals, including the following stainless steel, glass-lined equipment: six reactor vessels and one distillation column. A QA/QC lab was attached to the operations area to control process and product quality. Chemicals produced in this building included paraformaldehyde and hydrogen chloride gas. In the early 1990's the building was used to convert bromonitrostyrene.
94	Building 94 was built in the mid-1970's and was used as a pilot plant and laboratory for testing and optimizing potential product formulations. Operations included small bench-scale multi-process operations, including fermentation, oxidation, and distillations. The largest process vessel associated with this building was approximately 50 gallons. Most bench-scale studies used vessels of approximately one gallon.
95	Built in 1970, Building 95 was used for process operations, including distillation, oxidation and chemical separation for fragrances. Equipment included three reactors, three distillation columns, and three autoclaves. This building used a 10,000-gallon stainless steel aboveground storage tank with concrete

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	secondary containment, which was built in the 1980's. The tank farm was located directly south of the building and was used to store propionaldehyde.
96	Building 96 was constructed prior to 1963 to house emergency diesel fuel in a 550-gallon AST for the firewater pump. The building had a concrete floor.
97	Building 97 was built in the late 1960's and was abandoned in the late 1970's. The use is not known at this time.
98	Building 98 was built in the late 1980's or early 1990's. The building housed employee locker room, including showers, toilets, and break room.
99	Building 99 was constructed as a switch gear room for 41-60 volt primary and secondary line from PSE&G. There were reportedly no oil-filled transformers in the building.
168	Prior to 1986 Building 168 was used for multipurpose mixing, reacting and holding operations, including a water wash tank and drum filter. Chemicals used in the building included dichlorophene, parachlorophenol, and sulfuric acid. In 1989, the building was modified to house 20 stainless steel reactor vessels ranging between 1,500-3,000 gallons. Operations were converted and equipment, such as mixing vessels, condensers, and isomerization units, were added to meet the process specifications for production of sunscreen agents.
200	Building 200 was constructed in 1978 and was used for multipurpose distillation of approximately 100 different Givaudan-Roure products from crude organic substances. Process equipment consisted of 10 distillation columns of all stainless steel construction, ranging from 150 gallon to 1,500 gallon processing capacity. Building 200 also housed plant administration and managerial offices and the plant quality assurance and quality control (QA/QC) laboratory.
200 tank farm	This structure was built in 1978-79 and used for storage in four separate areas, as follows: 1. Organic aldehydes, ketones, and alcohol storage tanks, 2. Non-flammable materials, including caustics and acid storage under separate containment to avoid contact of incompatible materials, 3. Solvent storage of alcohol, acetone, toluene, and methanol,

Table F: Description of Activity & Process By Building
source: PAR South and PAR North

Building	Description
	4. Storage tank for isobutylene gas. Please note that concrete containment and concrete flooring was used throughout the tank farm and was in excellent condition when it was demolished.
103	Building 103 was used to compound and mix fine chemicals using solvents as a base. The building featured three outside mixing tanks located within secondary containment. An area used for raw materials and finished goods drum storage was located indoors.
105	Building 105 was used to compound and mix flavors and fragrances using solvents and powders as a base. The building featured indoor mixing tanks. The building featured a large rack storage area used for raw materials and finished goods drum storage located indoors. This building also included a refrigerated storage room for drums of raw materials and finished product.

Raw Material Handling and Drum Storage:

Raw materials were received by railcar and trucks and were transferred onsite via handcart or forklift truck (drums) or pumped (tanks) and stored onsite. Ingredients stored in aboveground storage tanks were transferred to mixing vessels via aboveground flexible pipe or overhead stainless steel piping. Some raw materials were decanted into drums and transferred via forklift truck or handcart. Minor ingredients were hand carried using small containers such as steel jerry cans. During the 1990 timeframe there was no outside drum storage except for Building 103, where a small outside steel storage pad was used to store several 55 gallon drums. Empty drums were stored in building 89, and were washed prior to onsite reuse or offsite disposal.

Aboveground and Underground Storage Tanks:

Aboveground and Underground storage tanks were used to store carrier liquids and base solvents for the aromatic chemicals. Most of the storage tanks were constructed of steel. During the 1990 timeframe the facility was using fuel oil as a source of energy for the main boilers located in Building 7. The facility used low sulfur fuel oil that was stored onsite in underground and aboveground storage tanks for heating purposes.

The storage tanks were filled either by railcar or by tank truck. A list of aboveground and underground storage tanks follows in Tables G and H. Aboveground and underground storage tanks are described in Tables G and H, based on the following sources of information: PAR South, 1994 *Site Plan Location Map for Hazardous Materials*, and 1993 *UST Location Map*.

After Givaudan completed UST closure activities, NJDEP issued a No Further Action (NFA) letter on 31 July 1997. A copy of this NFA letter is enclosed as Attachment 7.

Table G - Aboveground Storage Tank Inventory
(source: 1994 *Site Plan Location Map for Hazardous*)

Location	Volume (Gal)	Tank ID	Contents
East of Bldg 100		Tote	Isopropyl Alcohol
East of Bldg 10A	5,000	TU-597	Ethylene Glycol
Inside Area 71		Tank	Hydrogen Liquid
Inside Area 71		Tank	Hydrogen
Inside Area 71		Tank	Nitrogen Liquid
Inside Bldg 103		Tote	Phenylethyl Alcohol
Inside Bldg 103		Tote	Linalool
Inside Bldg 103		Tote	Benzyl Acetate
Inside Bldg 103		Tote	Linalyl Acetate
Inside Bldg 103		Tote	Dipropylene Glycol
Inside Bldg 103		Tote	Terpinyl Acetate
Inside Bldg 103		Tote	Amyl Salicylate
Inside Bldg 103		Tote	Terpineol
North of Bldg 100		TU-868	Fuel Oil
North of Bldg 95	15,000	TU-536	Pinene Alpha
North of Bldg 95		TU-739	MeOH
North of Bldg 95		TU-749	Methanol
North of Bldg 95		TU-750	Methanol
North of Bldg 95		TU-751	Lilial Fractions
North of Bldg 95		TU-752	Lilial Fractions
North of Bldg 95		TU-980	Alpha Phene Epoxide
North of Bldg 95	15,000	TY-101	Lilial Fractions
North of Bldg 95	8,000	TY-102	Vinyl Acetate
North of Bldg 95	8,000	TY-96	Propionaldehyde
North of Bldg 95	8,000	TY-97	TBB
South of Bldg 168		TU-854	Parsol

Table G - Aboveground Storage Tank Inventory
(source: 1994 Site Plan Location Map for Hazardous)

South of Bldg 168		TU-855	EM/EHA
South of Bldg 168		TU-856	EH
South of Bldg 168		TZ-48	Waste Water
South of Bldg 9		TU-982	Gasoline
South of Bldg 9		TU-983	Diesel
South of Bldg 93	75,000	TU-779	Toluene Balsam
South of Bldg 93		TU-979	TBE
South of Bldg 93	7,500	TY-199	Toluene
South of Bldg 93		TY-203	Acetic Acid
South of Bldg 93		TY-204	Amsco Sol
South of Bldg 95	10,000	TU-539	Lilial Fractions
South of Bldg 95	10,000	TU-540	Lilial Crude
South of Bldg 95	10,000	TU-541	Lilial Crude
South of Bldg 95	10,000	TU-542	Lilial Crude
South of Bldg 95	10,000	TY-128	Lilial Crude
South of Bldg 95	10,000	TY-129	Caustic Spent
South of Bldg 95	10,000	TY-133	Caustic Spent
Tank Farm 201	10,000	TU-822	Hydrochloric Acid
Tank Farm 201	9,000	TU-823	Sulfuric Acid 62-121%
Tank Farm 201	10,000	TU-825	Isopropyl Alcohol
Tank Farm 201	10,000	TU-826	Methly Alcohol
Tank Farm 201	10,000	TU-827	Xylene
Tank Farm 201	10,000	TU-828	Toluene
Tank Farm 201		TU-842	TBT
Tank Farm 201		TU-843	TBT
Tank Farm 201		TU-863	Isobutylene
Tank Farm 201	10,000	TY-186	Lial
Tank Farm 201	7,500	TY-187	Ethyl Hexyl Acetate
Tank Farm 201	7,500	TY-188	H2SO4 93%
Tank Farm 201	7,500	TY-189	Sodium Hydroxide 20%
Tank Farm 201	7,500	TY-190	Sodium Hydroxide 30%
Tank Farm 201	7,500	TY-191	H2SO4 93%
Tank Farm 201	7,500	TY-192	Hydroxide 30%
Tank Farm 201	10,000	TY-193	Ethyl Hexyl Acetate
Tank Farm 201	10,000	TY-194	Acetic Acid
Tank Farm 201		TY-205	Linalyl Acetate
Tank Farm 201		TY-206	TBT

Table G - Aboveground Storage Tank Inventory
(source: 1994 Site Plan Location Map for Hazardous)

Tank Farm 201		TY-208	Amyl Acetate ISO
Tank Farm 201	10,000	TZ-257	Hexyl Acetate
West of Bldg 103		TU-867	Fuel Oil
West of Bldg 7	40,000	TU-901	Fuel Oil
West of Bldg 7	5,000	TU-981	Fuel Oil
West of Bldg 85	5,000	TU-755	Sulfuric Acid 62%
West of Bldg 85		TZ-122	Waste Oil

Table H: Underground Storage Tank Inventory
(source: PAR South, 1993 UST Location Map)

Tank Group	Tank ID	Volume (Gallons)	Contents
A	T-23	10,000	Vinyl Acetate
A	T-62	10,000	AMSCO Solvent F
J	T-1	25,000	Turpentine
J	T-2	25,000	Turpentine
J	T-3	25,000	Turpentine
J	T-4	25,000	Turpentine
D	T-64	25,000	No. 2 Fuel Oil
D	T-65	25,000	No. 2 Fuel Oil
C	H	300	Nitrobenzene
C	G	550	Toluene
C	E	420	Aniline
C	F	300	Toluene
C	I	300	Nitrobenzene
C	J	1,000	Hexane
E	T-7	10,000	Turpentine
E	T-38	12,000	Ethyl Acetate
E	CC	2,000	Toluene
E	DD	2,000	Toluene
E	EE	2,000	Lourine
E	GGGG	2,000	Toluene
B	T-56	20,000	Xylene
B	T-25	3,000	Xylene
B	T-24	3,000	Meta-Xylene
B	WW	10,000	Isobutylene

Table H: Underground Storage Tank Inventory
 (source: PAR South, 1993 UST Location Map)

B	K	575	Heptane
B	T-53	15,000	Butyl Xylene
K	T-83	1,500	Diesel
K	T-84	1,500	Unleaded Gasoline
K	T-85	1,500	Regular Gasoline
G	T-8	10,000	Isopropyl Alcohol
G	T-28	12,900	Heptane
G	T-26	12,900	Toluene
G	T-9	20,000	Xylene
G	T-29	12,900	Acetone
G	T-27	12,900	Xylene
G	T-10	20,000	Toluene
G	T-11	12,500	Xylene
G	T-12	1,500	Tertiary Butyl Alcohol
G	T-13	12,500	Tertiary Butyl Alcohol
G	T-14	12,000	Methanol
F	R	2,000	Toluene
F	Q	1,000	Toluene
F	P	1,000	Toluene
F	O	750	Isopropyl Alcohol
F	T-80	2,000	Methanol
I	T-35	8,000	Ethylene Dichloride
I	KK	2,000	Methanol
I	JJ	2,000	Methanol
I	U	1,000	Benzene
I	S	700	Isopropyl Alcohol
H	T-55	10,000	Methyl Chloride
H	FFFF	1,560	Toluene

Indoor Building Storage:

All manufactured product was stored indoors. Indoor storage included refrigerated storage of some of the fine chemicals that could deteriorate if stored at ambient temperatures. Building refrigeration was used during the 1990's timeframe. Tables F and I summarize areas of indoor storage used during the 1990's timeframe, based on a 1994 *Site Plan Location Map for Hazardous Materials*.

Table I: Indoor Building Storage Inventory

(source: 1994 Site Plan Location Map for Hazardous Materials)

Location	Description
Bldg 105	Stored Ethyl Alcohol
Bldg 67	Stored "MUSK"
Bldg 40	Stored various drums with numerous chemicals
Bldg 93	Stored Bromine
Bldg 78	Stored Bromine
Bldg 91	Stored Sodium Methyllate

Floor Drains and Sewers:

All onsite process areas collected industrial wastewater via floor drains or open concrete lined floor gutters. Please refer to the response to 5d for a detailed description of onsite sewers.

Stormwater:

Rainwater falling onto rooftops and facility surface areas at the site is reported to have generally flowed to the Pond located at the center of the facility.

A stormwater swale collected rainwater from the southeast corner of the facility and directed the rainwater to a stormwater grate located on River Road. The stormwater grate led to a storm sewer that flowed to the Passaic River.

Based on a 1983 drawing, the storm sewer collected stormwater at the extreme south end of the facility and directed the stormwater via a 24 inch storm sewer under River Road and under Route 21 to discharge into the Passaic River. Givaudan maintained a Stormwater Pollution Prevention Plan and stormwater permit NJ0088315, which required monthly monitoring of stormwater effluent.

A stormwater swale that ran along the edge of the railway line collected rainwater from the southwest portion of the facility for discharge offsite. In 1999, three soil samples were collected the two known points of discharge into the swale from the facility, and analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs), TCL Semi-Volatile Compounds (SVOCs), and Target Analyte List Metals. No VOCs or SVOCs were detected above NJDEP Soil Cleanup Criteria (SCC). Except for marginal exceedances of lead in one sample and arsenic in another, no metals exceeded NJDEP SCC. The lead and arsenic may have been related to the offsite operation of the Delaware, Lackawanna & Western Railroad, as discussed in Section 4.6.3 of the April 2000 *Remedial Action Work Plan for Soils* (RAWPS).

Waste Handling and Disposal Practices:

Givaudan submitted a Part A notification, indicating they stored hazardous waste onsite for greater than 90 days. Givaudan obtained a RCRA Hazardous waste generators permit and was classified as a Large Quantity Generator of Hazardous Waste. The Hazardous Waste EPA ID number was NJD002156354. The New Jersey Department of Environmental Protection (NJDEP) issued the most recent permit on 21 December 1992 (NJDEP permit number 1602E1HP03). This permit was terminated on 26 September 1997.

Available hazardous waste manifests have been summarized for the period of 1998 to 2000. The summary of manifests is presented in Attachment 8.

A summary of hexachlorophene disposal activities during the period of 1978 to 1983 is also presented under Attachment 9.

a) Identity all persons who arranged for and managed the processing, treatment, storage and disposal of hazardous substances.

Provided below is a list of persons who arranged for and/or managed the processing, treatment, storage and disposal of hazardous substances at the time of facility closure in 1998.

- Dave Johnson, Vice President - EH&S
- Gene Thomas, Director - EH&S
- Ron Saus, VP - Manufacturing
- Liz Pfeiffer, Manager EH&S Technical Services
- John Schaubach
- Joe Zgurzynski
- Andy Soos

Other individuals who may have had comparable responsibilities during time periods prior to facility closure include:

- John Lopez, VP - Safety, Health and Environmental Affairs
- Len Levy, Director - Site Remediation
- Chet Makowski, EH&S Manager
- Hal Brandman, VP
- John H. Christensen, VP & General Manager
- W.S. Turetsky, Director - Safety and Environmental Protection
- George F. Talarico, Director - Regulatory Affairs
- Carl J. Zipfel, Director - Safety, Environmental Affairs and Regulatory Compliance
- Dr. Robert Tavares, VP and General Counsel
- Angelo C. Morresi, Legal Counsel

b) If hazardous substances were taken off-site by a hauler or transporter, provide the names and addresses of the waste haulers and the disposal site locations.

Givaudan transported wastes containing hazardous substances to offsite TSD facilities. A search for related records is being conducted at this time. Available hazardous waste manifests have been summarized for the period of 1998 to 2000. The summary of manifests is presented in Attachment 8.

c) Describe all storage from the time operations commenced until the present. Include all practices employed by your company with respect to all hazardous substances from onsite and off site-storage activities.

i) If drums were stored outside, were the drums stored on the ground or were they stored on areas that had been paved with asphalt or concrete: Please provide a complete description of these storage areas.

See response to question 5) (above)

ii) When drums were stored outside, were empty drums segregated from full drums?

See response to question 5) (above)

d) What processes do you use to treat your waste? What do you do with the waste after it is treated?

Givaudan constructed a primary wastewater pretreatment plant in the mid 1980's to treat industrial wastewater that was being discharged to the Passaic Valley Sewer Commission (PVSC) under wastewater permit number 03401024. The wastewater treatment plant consisted of two pre-treatment systems as follows:

1, A steam stripper (installed in 1990) to treat organic wastewater regulated under the Organic Chemicals, Plastics, Synthetic Fibers (OCPSF) sources as regulated by 40 CFR 414.85. Concentrated organic wastes from the steam stripper were collected in a storage tank and shipped offsite for disposal at an approved disposal facility. The steam stripper had a treatment capacity of 50,000 gallons per day.

2, An industrial wastewater pretreatment system that included basic solids removal via a solids grate, followed by removal of floating oils by a belt skimmer. The wastewater then went through three-stage neutralization system using sulfuric acid and sodium hydroxide. An effluent monitoring station was located just before outfall 001 and included a Parshall Flume and a sample access door. The wastewater pretreatment system was designed to conform with the national pretreatment standards under 40 CFR 401.17 and part 403.5 and had a capacity to treat up to 300,000 gallons per day (1995). The wastewater system was also designed with a 90,000 gallon emergency surge protection tank.

Prior to construction of the pretreatment system Givaudan discharged industrial wastewater directly to PVSC without pretreatment, pursuant to a users fee arrangement with PVSC.

Givaudan used non-commercial fuel as an alternate fuel source onsite. The non-commercial fuel consisted of solvents such as toluene, xylene, heptane, and methanol. In 1979 a total of 246,000 gallons of non-commercial fuel was burned in one of two small boilers located onsite. Givaudan maintained a storage tank onsite for storing the non-commercial fuel for burning in the two small boilers onsite.

- 6) a) **For process waste waters generated at the facility which contained any hazardous substances, including, but not limited to, the substances listed in response to item (3) and (4):**

- i) **Where was the waste water discharged and during what years?**

Up until approximately 1950's onsite sanitary wastewater from Buildings 2,3,4,5, and 6 was discharged to septic cesspools located onsite. After approximately the late 1950's, process and sanitary wastewater were discharged to the Passaic Valley Sewer Commission (PVSC) as follows:

- Sanitary wastewater was discharged to PVSC via outfall 003 including sanitary wastewater from buildings 7 and 34, 35, and 36.
- Industrial wastewater was discharged via outfalls 001 and 002 to PVSC (under authorized discharge wastewater permit numbers 03401022 to 03401024 since 1996). The industrial wastewater underwent equalization and basic

neutralization prior to being discharged to PVSC via outfall 001. PVSC monitored for many wastewater parameters as discussed in the response to question 2) b) (above).

These outfall locations are shown on Figure 1-3 of the RAWPS, which is included with this submittal as Attachment 10.

- ii) Was the wastewater discharged into a sanitary sewer and if so, during what years?**

See responses to 6)a)i) and 5)d).

- iii) Was the wastewater treated before being discharge to the sanitary sewer and if so, how? Please be specific.**

See response to 6)a)i)

- iv) If the wastewaters were not discharged to the sanitary sewer, where were they disposed and during what years?**

See response to 6)a)i)

- v) Please provide the results of any analyses performed on any waste process streams generated at the facility.**

Available onsite wastewater sampling results (from the 1980 and 1981 time period) are included as Attachment 11.

b) For floor drains or other disposal drains at the facility:

- i) Did the drains connect to a sanitary sewer and if so, during what years?**

Floor drains in production buildings were connected to the chemical sewer system at the facility, which discharged into an offsite sewer system (outfall 001) connected to PVSC.

The chemical sewer system at the facility was installed in two stages. In approximately the 1960s, the original chemical sewer system was installed by Givaudan Corporation to collect and discharge process wastewater. In the mid-1980s, portions of the original chemical sewer were abandoned and replaced, or retrofitted with a new chemical sewer. A wastewater diversion system responsible for effluent water quality was in operation for

over 20 years prior to closure. In November 1990, a steam stripper was installed for toluene distillation to comply with OCPSF regulations.

The location of the chemical sewer system, connections to floor drains in production buildings, and point of discharge to an offsite sanitary sewer line, is shown on Attachment 10.

The investigation and remediation of the chemical sewer system is described in the June 2000 *Remedial Action Report for Sewer Decommissioning* (RARSD). The investigation of floor drains within production buildings is described in the RAWPS.

There were also floor drains in non-production buildings that discharged into the public sanitary sewer system. In the office and laboratory building located at 100 Delawanna Avenue (Building 100), floor drains discharged into the sanitary sewer. In the warehouse building located at 2 Peekay Drive (Building 105), floor drains discharged into the sanitary sewer system. These sewer systems were investigated for potential releases of hazardous substance, as documented in the Site Investigation and Remedial Action Report (ERM, June 1999). No releases were discovered.

- ii) **If the floor drains or other disposal drains at the facility were not discharged to the sanitary sewer, where did they discharge and during what years?**

See response to 6)b)i)

- c) i) **Did any storm sewers, catch basins or lagoons exist at any time at the facility and if so, during what years?**

Prior to decommissioning the facility, the majority of storm water was networked through a series of pipes and discharged to the Pond located near the center of the property. The storm water sewer system and Pond are shown on Attachment 10. The age of the storm water sewer is unknown at this time. However, the Pond appears in the aerial photos from the 1940s, and it was decommissioned (drained and filled) in 1999. The investigation and remediation of these features are described in the RARSD.

Prior to 1961, a roughly rectangular pit with approximate dimensions of 240 feet x 80 feet was located adjacent to the Pond. It was reportedly used as an effluent pit for production waste. It is not clear when this practice began, but this feature is depicted in aerial photos from the 1940s. The investigation of this feature, called the SAP, is described in the RAWPS.

Refer to the response to question 5) for additional details regarding stormwater.

ii) If catch basins or lagoons existed, were they lined or unlined?

The Pond and SAP were unlined.

iii) What was stored in the lagoons?

The Pond is believed to have stored primarily storm water, from storm sewer discharge and sheet runoff. The SAP is believed to have stored production waste.

iv) Where was the discharge from any of these structures released during what years? Was this discharge treated before its release and if so, how and during what years? What was the chemical composition of any waste waters released?

Because the SAP and Pond were unlined, discharges from them would have occurred via vertical infiltration. No known sampling of the SAP was conducted prior to its closure. However, extensive sampling of soils in this area is documented in the RAWPS. Ground water data from this area is provided in the February 2000 *Interim Ground Water Report* (IGWR). During the closure of the Pond in 1999, 135,500 gallons of water were pumped from the Pond and sampled for waste characterization purposes. The water was characterized as non-hazardous and managed appropriately.

d) Please supply diagrams of any waste water collection, transport or disposal systems on the property.

The wastewater and stormwater systems in place at the time of facility closure are depicted on Attachment 10.

- 7) a) **For each hazardous substances, including, but not limited to, the substances listed in response to item (3) or identified in the responses to item (4), above, provide the total amount generated during the operation of the facility on an annual basis.**

Complete records of hazardous substances generated at the facility are not available. A list of products produced by Givaudan between 1924 and 1983 is included in Givaudan's 1983 response to a NJDEP request for information, which is provided as Attachment 4 to this response. More recent products were identified in Attachment 4 of the PAR South, which is provided as Attachment 5 to this response.

Available hazardous waste manifests from the 1998 to 2000 timeframe have been included as Attachment 8. Additionally, a summary of hexachlorophene disposal from 1978 to 1983 has been included in Attachment 9.

- b) **Were any hazardous substances including, but not limited to, the substances listed in response to item (3) or identified in the responses to item (4), above, disposed of in or discharged to the Passaic River including its tributaries? If yes, identify the hazardous substances, estimate the amount of material discharged to or disposed of in the Passaic River including its tributaries and the frequency with which this discharge or disposal or disposal occurred. Also, please include any sampling of the river, which you might have done after any discharge or disposal.**

Givaudan is not aware of any direct discharges of hazardous substances to the Passaic River and its tributaries. See response to question 5) regarding the disposition of wastewater and stormwater.

- 8) **Please identify any leaks, spills, explosions, fires or other incidents of accidental material discharge that occurred at the facility during which or as a result of which any hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4) , were released on the property, into the waste water or storm drainage system at the facility or to the Passaic River including its tributaries. Provide any documents or information relating to these incidents, including the ultimate disposal of any contaminated materials.**

Spills identified in a June 2004 EDR Report are summarized in Table J. Additional fires, explosions and accidents are identified in Attachment 4.

Table J: Description of Spills
(source: 2004 EDR Report)

Date	Material	Amount Released	Case #
10/25/1990	Oil Vapor (Eucalyptus)	Unknown	90-10-25-0840
12/20/1990	Toluene	Unknown	90-12-20-1013
2/28/1990	Sulfuric Acid	200 gallons	90-02-28-0947
2/28/1991	Bromine	3-4 oz	91-8-28-1506-24
7/11/1995	#6 Fuel Oil	2 gallons	95-7-11-1215-27
	Para-tret Buthyl		
1/24/1991	Benzaldehyde	100-150 gallons	91-1-24-0914-34
2/28/1990	Sinpine	Unknown	90-02-28-1455
5/29/1996	Asbestos	Unknown	96-5-29-1755-08
	Sulfuric Acid and TBT		
9/26/1994	Toluene	50 gallons	94-9-26-1233-10
11/13/1991	Sulfuric Acid	50 gallons	91-11-13-1420-03
	Sulfuric Acid and TBT		
9/26/1994	Toluene	50 gallons	94-9-26-1233-10
2/22/1991	Waste water with solvents	100 gallons	91-2-22-1122-13

- a) Please provide the results of any sampling of the soil, water, air or other media after any such incident and before and after clean-up. Please provide in this information all sampling performed for or by NJDEP or EPA.

Samples have been collected at the facility to investigate releases and potential releases of hazardous substances into soil, water, air and other media. Sampling was conducted under the oversight of NJDEP in accordance with three separate remediation agreements between Givaudan and NJDEP, including:

1. *Administrative Consent Order (ACO) dated 5 March 1987, and amended on 16 February 1998* - This agreement relates to the investigation, delineation and remediation of soils impacted by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Related activities are summarized in the following report:
 - *Remedial Action Report for On-Site Containment of 2,3,7,8-TCDD Impacted Soils (ERM, October 1999).*

NJDEP issued a NFA letter for this activity on 12 March 2002.

2. *ACO dated 16 February 1988, and revised on 20 March 1987* – This agreement relates to the investigation and remediation of ground water at the facility. Related activities are summarized in the following report:

- *Phase III Remedial Investigation for Ground Water Report (ERM, July 1998)*

The investigation and remediation of ground water at the facility is ongoing.

3. *Remediation Agreement dated 1 January 1998* – This agreement was executed in accordance with the provisions of New Jersey's Industrial Site Recovery Act (ISRA), and was triggered by a proposed property transaction involving multiple Givaudan-owned properties in New Jersey. Five separate ISRA case numbers were assigned to the various properties as result of the agreement, including two pertaining to properties in Clifton, New Jersey. The ISRA cases associated with the Clifton properties were transferred to NJDEP's Bureau of State Case Management, in order to maintain a single NJDEP case manager for the facility and ensure that related investigations were completed in accordance with both the ISRA agreement and the above referenced ACOs.

ISRA Case No. 97404 was assigned to the primary production portion of Givaudan's Clifton, New Jersey facility, which was located at 125 Delawanna Avenue. The following reports, which summarize investigation and remediation activities completed since the execution of the ISRA-related remediation agreement, may also be associated with one or both of the above referenced ACOs:

- *Preliminary Assessment Report (ERM, February 2000)*
- *Remedial Action Report for Sewer Decommissioning (ERM, Revised June 2000)*
- *Interim Ground Water Report (ERM, February 2000)*
- *Remedial Action Work Plan for Soils (ERM, April 2000).*
- *Remedial Action Report for 2,3,7,8-TCDD Excavation and Disposal (ERM, September 2000)*

- *July 2001 Area D Ground Water Investigation Summary Report (ERM, February 2004)*
- *Well Decommissioning Proposal (February 2004)*
- *Remedial Action Work Plan – Area A and Area B (ERM, Revised July 2002)*
- *Remedial Action Progress Reports – Area A and Area B (ERM, September 2003, October 2003, November 2003, February 2004, and April 2004)*

Soil investigations under ISRA Case No. 97404 have been completed, and NJDEP-approved remedial actions for soil are being implemented.

ISRA Case No. 97610 was assigned to properties located on the north side of Delawanna Avenue at Givaudan's former Clifton, New Jersey facility. These included properties located between 78 and 204 Delawanna Avenue (Buildings 100, 102 and 103), and another located on 2 Peekay Drive (Building 105). The investigation and remediation of these properties is documented in the following reports:

- *Preliminary Assessment Report (ERM, September 1998)*
- *Site Investigation and Remedial Action Report (ERM, June 1999)*

NJDEP issued NFA letters for the properties investigated under ISRA Case No. 97610. Copies of these letters are provided as Attachment 12.

The reports identified above provide an overview of the sampling of environmental media that has been conducted at Givaudan's former Clifton, NJ facility. Numerous additional reports, which provide detailed documentation of investigation and remediation activities summarized in the reports identified above, were periodically submitted to NJDEP pursuant to requirements of the remediation agreements.

Because of the voluminous amount of data and reports associated with historical environmental sampling at Givaudan's former properties, they are not included with this submittal. However, copies of specific reports or data of interest are available via a FOIA request to NJDEP, and can be provided by Givaudan upon request.

- 9) a) Was your facility ever subject to flooding, If so, was the flooding due to:

i.) overflow from sanitary or storm sewer back-up and/or

There is no available record of the facility being flooded.

ii.) flood overflow from the Passaic River?

There is no available record of a flood overflow from the river.

- b) Please provide the date and duration of each flood event.

A FEMA floodplain map is provided as Attachment 13 to demonstrate that no part of the facility is within a 500 year or 100 year floodplain.

- 10) Please provide a detailed description of any civil, criminal or administrative proceedings against your company for violations of any local, State or federal laws or regulations relating to water pollution or hazardous waste generation, storage, transport or disposal. Provide copies of all pleadings and depositions or other testimony given in these proceedings.

An EDR Facility Report was obtained in June 2004, and violations noted therein are summarized on Table K. Attachment 14 contains the full detailed EDR Facility Report.

Table K: Description of Violations
(source: EDR Report)

Date	Description
9/11/1997	Hazardous Waste Violation (Generator oversight and manifests)
10/31/1995	Hazardous Waste Manifests Requirements
4/6/1993	Hazardous Waste Storage Land Ban Requirements
7/10/1992	Hazardous Waste Storage Oversight
12/10/1991	Hazardous Waste Storage Oversight
12/20/1988	Hazardous Waste Storage Oversight
12/4/1986	Hazardous Waste Storage Oversight

- 11) Provide a copy of each document which relates to the disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4). If you are unable to provide a copy of any

document, then identify the document by describing the nature of the document (e.g. letter file memo, invoice, inventory form, billing record, hazardous waste manifest, etc.). Describe the relevant information contained therein. Identify by name and job title the person who prepared the document. If the document is not readily available, state where it is stored, maintained, or why it is unavailable.

See response to question 5)b). This facility is no longer in operation. The facility followed state and federal regulations for the disposal of hazardous substances. The hazardous waste EPA ID # is NJD002156354.

- 12) a) Did you or anyone else sample the soil, ground water, surface water, ambient air or other environmental media at the facility for purposes other than those identified in the questions above including CERCLA, RCRA, or ECRA/ISRA?**

See response to question 8).

- b) If so, please provide all other documents pertaining to the results of these analyses:**

See response to question 8).

- 13) a) Has your company owned the facility at the location designated above? If so, from whom did your company purchase the property and in what year? If your company subsequently sold the property, to whom did your company sell it and in what year? Please provide copies of any deeds and documents of sale.**

Antoine Chiris owned most of the 125 Delawanna Avenue property before its purchase by Givaudan in 1921. National Anode Corporation and Capes-Viscose Corporation owned the southwest portion of the property, until Givaudan purchased these parcels in 1926 and 1931, respectively.

The properties on the north side of Delawanna Avenue (i.e. Buildings 100, 102, 103, 105 and the former foundry area east of Building 103) were purchased decades later. The operational and ownership history of these properties through 2000 is shown on Table L.

Table L Operational and Ownership History
Source: PAR North

Property Area	Owner/Operator	From	To
Former Foundry Area	Standard Oil Cloth Co.	Pre-1910	1930s
Former Foundry Area	Krouse-Doremus Foundry Co	1930s	1970s
Building 103	T.R. Goodlate & Son	1935	1950
Building 103	Hoffman-Laroche	1950	1970
Building 105	Bergen Trucking	1955	1971
Building 102	Premier Albums of NJ (Columbia Records)	1960s	1970
Building 102	Ehrenfeld Group	1970	1983
Building 102, 103	Givaudan-Roure	1983	2000
Building 105	Givaudan-Roure	1971	2000
Building 100	Givaudan-Roure (new building)	1972	2000
Building 102	Givaudan-Roure/ Gemini Electronics	1972	1982
Building 102	Givaudan-Roure/ Fresh Air (deodorant)	1986	1992
Building 102	Givaudan-Roure/ Bermas Plastics Co.,Inc.	1983	1985
Building 102	Givaudan-Roure/ Quaker Fabrics	1992	1997
Building 102	Givaudan-Roure/ Diamond Mail Order	1992	1997
Building 102	Givaudan-Roure	1997	2000

Givaudan sold the entire facility to Morris Clifton Construction LLC, except for a 2-acre parcel (Block 73-03: Lot 2.02) located at 275 River Road in Clifton, New Jersey. The 125 Delawanna Avenue property (Block 73-03: Lots 2.01, 102 and 104) was sold in 2001. Properties on the north side of Delawanna Avenue (i.e., Tax Block 61.14: Lots 22, 26, 27, 28, 29 and 30 & Tax Block 61.03: Lots 20, 26, 27 and 38) were sold in 2000.

- b) If your company did not own the facility, from whom did your company rent the facility and for what years? Please provide copies of any rental agreements.**

Givaudan did not rent the facility. Ownership information is provided in response to question 13)a).

- c) To the extent that you know, please provide the names of all parties who owned or operated the facility during the period from 1940 through the present. Describe the relationship, if any, of each of those parties with your company.**

See response to question 13)a).

- 14) Answer the following questions regarding your business or company. In identifying a company that no longer exist, provide all the information requested, except for the agent for service of process. If your company did business under more than one name, list each name.**

- a) State the legal name of your company.**

Givaudan Fragrances Corporation

- b) State the name and address of the president or the chairman of the board, or other presiding officers of your company.**

J. Colin O'Neill, President, Fragrances North America, 1775 Windsor Road, Teaneck, NJ 07666

- c) State the number of people employed by your company.**

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- d) Identify the state of incorporation of your company and your company's agent for service of process in the state of incorporation and in New Jersey.**

- Delaware corporation
- Agent for service of process in Delaware: The Corporation Trust Company, 1209 Orange Street, Wilmington, DE 19801
- Agent for service of process in New Jersey: The Corporation Trust Company, 820 Bear Tavern Road, West Trenton, NJ 08628

- e) Provide a copy of your company's "Certificate of Incorporation" and any amendments thereto.**

See Attachment 15 (Certificate of Incorporation)

- f) If your company is a subsidiary of affiliate of another company, or had subsidiaries, or is a successor to another company, identify these related companies. For each related company, describe the relationship to your company; indicated the date and manner in which each relationship was established.**

- Parent company: Givaudan, SA, a Swiss corporation
- See Attachment 16 (Annual Report) for other affiliates

g) Identify any predecessor organization and the dates that such company became apart of your company.

- Roche acquired Givaudan in 1963
- Givaudan merged with Roure in 1991
- Givaudan Roure spun off as Givaudan in 2000

h) Identify any other companies which were acquired by your company or merged with your company.

See Attachment 16 (Annual Report)

i) Identify the date of incorporation, state of incorporation, agents for service of process in the state of incorporation and New Jersey, and nature of business activity, for each company identified in the responses to items (14)(e), (f) and (g), above.

See Attachments 15 and 16 (Certificate of Incorporation and Annual Report)

j) Identify all previous owners or parent companies, address(es), and the date change in ownership occurred.

See response to question 14)g).

15) Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge or the responses. In additions, identify each person who assisted in any way responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and address of former employees who were contacted to respond to any of the questions.

These responses were prepared from information available in documents relating to Givaudan's former Clifton, New Jersey facility, which ceased operations in 1998. The information was assembled by various personnel and consultants, under the coordination of Timothy Gromen of Givaudan (300 Waterloo Valley Road, Mt. Olive, NJ 07828, telephone: 973-448-6522) with assistance from Ronald G. Fender of ERM (350 Eagleview Boulevard, Suite 200, Exton, PA 19341, telephone: 610-524-3516) and at the direction of counsel for Givaudan, Gail H. Allyn of Pitney Hardin, LLP (P.O. Box 1945, Morristown, NJ 07962-1945, telephone: 973-966-8048).

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of New Jersey

County of Morris

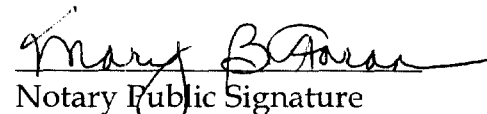
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

John A. Vernieri
NAME (print or sign)

Vice President Fragrance Operations
North and Latin America
TITLE (print or type)


SIGNATURE

Sworn to before me this 12 day of July, 2004


Notary Public Signature
MARY B. FORAN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 4, 2005

Givaudan Fragrance Corporation

Request for Information
Response Document
Clifton, New Jersey

9 July 2004

0018037

Volume I

Givaudan Fragrance Corporation

Request for Information
Response Document
Clifton, New Jersey

9 July 2004

0018037

Volume I

877240049

Attachments

877240050

877240051

Attachment 1
USEPA Request for Information
dated 30 April 2004

877240052



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1868

APR 30 2004

PROMPT REPLY NECESSARY
CERTIFIED MAIL: RETURN RECEIPT REQUESTED

CEO	
R	13 MAI 2004
PAR	

Dr. Juerg Witmer
Chief Executive Officer
Givaudan-Roure Corporation
1775 Windsor Road
Teaneck, NJ 07666-3018

RE: Lower Passaic River Study Area
Request for Information Pursuant to 42 U.S.C. §§ 9601-9675

Dear Dr. Witmer:

This letter seeks your cooperation in providing information relating to the contamination of the Lower Passaic River Study Area of the Diamond Alkali Superfund Site in New Jersey (Site). We encourage you to give this matter your immediate attention. We request that you provide a complete and truthful response to the attached Request for Information within 20 business days of your receipt of this letter.

The United States Environmental Protection Agency (EPA) is investigating the presence of hazardous substances in the sediments of the Lower Passaic River. EPA has documented the release or threatened release of hazardous substances, pollutants and contaminants into the Lower Passaic River Study Area. Under Section 104(e)(2) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (CERCLA), 42 U.S.C. Section 9604(e)(2), EPA has broad information gathering authority. EPA is seeking to obtain information concerning the generation, storage, treatment, transportation, and disposal methods of these substances on the environment and public health as well as identify activities, materials and parties that contributed to contamination at the Site. EPA believes that you might possess information pertaining to the Givaudan facility located at 125 Delawanna Avenue in Clifton, New Jersey, which may assist the Agency in its investigation of the Site.

While EPA seeks your cooperation in this investigation, compliance with this Request for Information is required by law. In preparing your response to this Request for Information, please follow the instructions provided in Attachment A. When you have prepared your response to the Request for Information, contained in Attachment B, please sign and have notarized the enclosed "Certification of Answers to Request for Information," and return that Certification to EPA along with your response. Please note that false, fictitious or fraudulent statements or representations may subject you to civil or criminal penalties under federal law. In addition, Section 104 of CERCLA, 42 U.S.C. Section 9604, authorizes EPA to pursue penalties for failure to comply or for failure to respond adequately to the Request for Information.

Internet Address (URL) • <http://www.epa.gov>

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Some of the information EPA is requesting may be considered by you to be confidential. Please be aware that you may not withhold from EPA the information upon that basis. If you wish EPA to treat the information confidentially, you must advise EPA of that fact by following the procedures described in the Instructions Section in Attachment A, including the requirement for supporting your claim for confidentiality.

If you have information about other parties who may have information which may assist EPA in its investigation of the Site or may be responsible for the contamination at the Site, that information should be submitted within the time frame noted above.

Please note that if after submitting your response you obtain additional or different information concerning the matters addressed by our Request for Information, you must immediately turn over the additional or different information to EPA.

This Request for Information is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. § 3501 et seq.

Your response to this Request for Information should be postmarked or received by EPA within 20 business days of your receipt of this letter. Your response should be mailed to:

Elizabeth Butler, Remedial Project Manager
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
290 Broadway - 19th Floor
New York, New York 10007-1866

with a copy to:

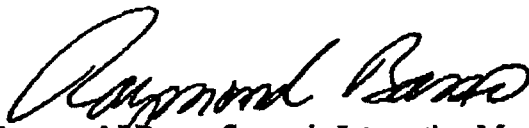
Kedari Reddy, Assistant Regional Counsel
Office of Regional Counsel
U.S. Environmental Protection Agency
290 Broadway - 17th Floor
New York, New York 10007-1866

If you wish to discuss this further, please contact Ms. Elizabeth Butler, Remedial Project Manager, at (212) 637-4396 or Ms. Kedari Reddy, Assistant Regional Counsel, at (212) 637-3106. Please note that all communications from attorneys should be directed to Ms. Reddy.

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We appreciate and look forward to your prompt response to this information request.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Raymond Basso". The signature is fluid and cursive, with the first name "Raymond" and last name "Basso" clearly distinguishable.

Raymond J. Basso, Strategic Integration Manager
Emergency and Remedial Response Division

Enclosures

877240055

ATTACHMENT A**INSTRUCTIONS FOR RESPONDING TO REQUEST FOR INFORMATION****A. Directions**

1. In answering these questions, every source of information to which you have access should be consulted, regardless of whether the source is in your immediate possession or control. All documents or other information, including records of all types of manufacturing, treatment, transportation or disposal operations, in your possession or in the possession of the company should be consulted.
2. A complete and separate response should be given for each question and subpart. Provide all documents that relate to each question. For each question contained in this letter, if information or documents responsive to this request are not in your possession, custody, or control, please identify the person(s) from whom such information may be obtained.
3. Identify each answer with the number of the question and the subpart to which it responds. For each document produced in response to this Request for Information, indicate on the document, or in some other reasonable manner, the question to which it applies.
4. Provide responses to the best of your ability, even if the information sought was never put in writing or if the written documents are no longer available. Consult with all present and past employees and agents of your company whom you have reason to believe may be familiar with the matter to which the question pertains.
5. In answering each question, identify each individual and any other source of information (including documents) that were consulted in the preparation of the response to the question.
6. If you have reason to believe that an individual other than one employed by your company may be able to provide additional details or documentation in response to any question, state that person's name, last known address, phone number and the reasons for your belief.
7. If a document is requested but not available, state the reason for its unavailability. To the best of your ability, identify the document by author, date, subject matter, number of pages and all recipients of the documents with their addresses.
8. If anything is omitted from a document produced in response to the Request for Information, state the reason for, and the subject matter of, the omission.
9. If you are unable to give a detailed and complete answer, or to provide any of the information or documents requested, indicate the reason for your inability to do so.
10. Sign and notarize the Certification of Answers where indicated.

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11. **Confidential Information** The information requested herein must be provided even though you may contend that it includes confidential information or trade secrets. You may assert a confidentiality claim covering part or all of the information requested, pursuant to Sections 104(e)(7)(E) and (F) of CERCLA, 42 U.S.C. §§ 9604(e)(7)(E) and (F), Section 3007(b) of RCRA, 42 U.S.C. §6927(b), and 40 CFR §2.203(b).

If you make a claim of confidentiality for any of the information you submit to EPA, you must prove that claim. For each document or response you claim confidential, you must separately address the following points:

- A. the portions of the information alleged to be entitled to confidential treatment;
- B. the period of time for which confidential treatment is desired (e.g., until a certain date, until the occurrence of a specific event, or permanently);
- C. measures taken by you to guard against the undesired disclosure of the information to others;
- D. the extent to which the information has been disclosed to others, and the precautions taken in connection therewith;
- E. pertinent confidentiality determinations, if any, by EPA or other federal agencies, and a copy of any such determinations or reference to them, if available; and
- F. whether you assert that disclosure of the information would likely result in substantial harmful effects on your business' competitive position, and if so, what those harmful effects would be, why they should be viewed as substantial, and an explanation of the causal relationship between disclosure and such harmful effects.

To make a confidentiality claim, please stamp, or type "confidential" on all confidential responses and any related confidential documents. Confidential portions of otherwise non-confidential documents should be clearly identified. You should indicate a date, if any, after which the information need no longer be treated as confidential. Please submit your response so that all non-confidential information, including any redacted versions of documents, is in one envelope and all materials for which you desire confidential treatment are in another envelope.

All confidentiality claims are subject to EPA verification. It is important that you satisfactorily show that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, and that it is not and has not been obtainable by legitimate means without your consent. Information covered by such claim will be disclosed by EPA only to the extent permitted by CERCLA Section 104(e). If no such claim accompanies the information when it is received by EPA, then it may be made available to the public by EPA without further notice to you.

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B. Definitions

1. The term "you" shall mean the addressee of this Request for Information, the addressee's officers, managers, employees, contractors, trustees, partners, successors, assigns or agents.
2. As used herein, the terms "Company" or "your Company" refer not only to your Company as it is currently named and constituted, but also to all predecessors or successors in interest and all subsidiaries, divisions, affiliates and branches of your Company and all of its predecessors or successors in interest. The term "Company" is not limited to corporations.
3. The term "Site" shall mean the Diamond Alkali Superfund site, including the Diamond Alkali plant located at 80 and 120 Lister Avenue in Newark, NJ, and the Study Area encompassing the 17-mile stretch of the Lower Passaic River and its tributaries from Dundee Dam to Newark Bay, and the areal extent of contamination.
4. The terms "facility", "hazardous substance", and "person", shall have the meanings set forth in Section 101(9), (14), and (21) of CERCLA, 42 U.S.C. §9601(9), (14), and (21) respectively.
5. The terms "hazardous waste", "disposal" and "storage" shall have the meanings contained in Sections 1004(5), (3) and (33) of Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. Sections 6903(5), (3) and (33), respectively.
6. The term "pollutant or contaminant" shall have the same definition as that contained in Section 101(33) of CERCLA and includes any mixtures of such pollutants or contaminants with any other substances.
7. The term "Identify" means, with respect to a natural person, to set forth the person's name, present or last known employer, business address and business telephone number, present or last known home address and home telephone number, and present or last known job title, occupation, position or business.
8. With respect to a corporation, partnership, business trust or other association or business entity (including a sole proprietorship) the term "identify" means to provide its full name, address, and affiliation with the individual and/or company to whom this request is addressed.
9. The term "document" and "documents" shall include any written, recorded, computer generated, or visually or aurally reproduced material of any kind in any medium in the company's possession, custody, or control or known by the company to exist, including originals and all non-identical copies.
10. The term "arrangement" shall include every separate contract or other agreement between two or more persons, whether written or oral.

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11. The term "material" or "materials" shall include any and all objects, goods, substances, or matter of any kind, including, but not limited to, wastes.
12. The term "release" shall have the same definition as that contained in Section 101(22) of CERCLA, 42 U.S.C. Section 9601(22), and includes any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment, and other closed receptacles containing any hazardous substance or pollutant or contaminant.
13. All terms not defined herein shall have their ordinary meaning, unless such terms are defined in CERCLA or RCRA, in which case the statutory definitions shall apply.

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ATTACHMENT B

REQUEST FOR INFORMATION

The United States Environmental Protection Agency ("EPA") is investigating the release of hazardous substances into the Lower Passaic River. Please provide the information requested below, including copies of all available documentation that supports your answers.

1) How long has your company operated at the facility? If your company no longer operates at this facility, during what years did your company operate at the facility?

2) a) Does your company have or has it in the past had a permit or permits issued pursuant to the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §6901 et seq.? If "yes", please provide the years that your company held such a permit and its EPA Identification Number.

b) Does your company have or has it in the past had a permit or permits issued pursuant to the Federal Water Pollution Control Act, 33 U.S.C. § 1251, et seq.? If "yes", please provide the years that your company held such a permit and its Identification Number.

3) Did your company receive, utilize, manufacture, discharge, release, store or dispose of any materials containing the following substances:

	Yes	No
2,3,7,8 tetrachlorodibenzo-p-dioxin	—	—
2,4-Dichlorophenoxy acetic acid (2,4-D)	—	—
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	—	—
2,4,5-Trichlorophenol (2,4,5-TCP)	—	—
or other dioxin compounds	—	—
Dichlorodiphenyl-trichloroethate (DDT)	—	—
Benzene	—	—
Ethyl benzene	—	—
Total Petroleum Hydrocarbons (TPEH)	—	—
Polycyclic Aromatic Hydrocarbons (PAH)	—	—
If "yes", please list specific compounds.	—	—
Toluene	—	—
Xylene	—	—
PCBs	—	—
Antimony	—	—
Argon	—	—
Arsenic	—	—
Cadmium	—	—
Chlorine	—	—

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Chromium	—	—
Copper	—	—
Iron	—	—
Lead	—	—
Mercury	—	—
Nickel	—	—
Silver	—	—
Sulfur	—	—
Titanium	—	—
Vanadium	—	—
Zinc	—	—
Cyanide	—	—
Acetone	—	—
Acetylene	—	—
Acetylene tetrabromide	—	—
2 butoxy ethanol	—	—
Bis (2-ethylhexyl) phthalate	—	—
Chlorodifluoromethane	—	—
Chloropentafluoromethane	—	—
Chlorotrifluoromethane	—	—
Dibutyl phthalate	—	—
Dichlorodifluoromethane	—	—
Naphtha	—	—
Silver nitrate	—	—
Sodium bisulfide	—	—
Sodium hydroxide	—	—
Sodium nitrate	—	—
Tungsten	—	—

4) a) Provide a description of the manufacturing processes for which all hazardous substances, including, but not limited to, the substances listed in response to item (3), were a product or by-product.

b) During what parts of the manufacturing processes identified in the response to items (4)(a), above, were hazardous substances, including, but not limited to, the substances listed in response to item (3), generated?

i) Describe the chemical composition of these hazardous substances.

ii) For each process, what amount of hazardous substances was generated per volume of finished product?

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iii) Were these hazardous substances combined with wastes from other processes?
If so, wastes from what processes?

5) Describe the methods of collection, storage, treatment, and disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) and (4). Include information on the following:

a) Identify all persons who arranged for and managed the processing, treatment, storage and disposal of hazardous substances.

b) If hazardous substances were taken off-site by a hauler or transporter, provide the names and addresses of the waste haulers and the disposal site locations.

c) Describe all storage practices employed by your company with respect to all hazardous substances from the time operations commenced until the present. Include all on-site and off-site storage activities.

i) If drums were stored outside, were the drums stored on the ground or were they stored on areas that had been paved with asphalt or concrete? Please provide a complete description of these storage areas.

ii) When drums were stored outside, were empty drums segregated from full drums?

d) What processes do you use to treat your waste? What do you do with the waste after it is treated?

6) a) For process waste waters generated at the facility which contained any hazardous substances, including, but not limited to, the substances listed in response to item (3) and (4):

i) Where was the waste water discharged and during what years?

ii) Was the waste water discharged into a sanitary sewer and if so, during what years?

iii) Was the waste water treated before being discharged to the sanitary sewer and if so, how? Please be specific.

iv) If the waste waters were not discharged to the sanitary sewer, where were they disposed and during what years?

v) Please provide the results of any analyses performed on any waste process streams generated at the facility.

b) For floor drains or other disposal drains at the facility:

877240062

- i) Did the drains connect to a sanitary sewer and if so, during what years?
- ii) If the floor drains or other disposal drains at the facility were not discharged to the sanitary sewer, where did they discharge and during what years?
- c) i) Did any storm sewers, catch basins or lagoons exist at any time at the facility and if so, during what years?
- ii) If catch basins or lagoons existed, were they lined or un-lined?
- iii) What was stored in the lagoons?
- iv) Where was the discharge from any of these structures released and during what years? Was this discharge treated before its release and if so, how and during what years? What was the chemical composition of any waste waters released?
- d) Please supply diagrams of any waste water collection, transport or disposal systems on the property.
- 7) a) For each hazardous substance, including, but not limited to, the substances listed in response to item (3) or identified in the responses to item (4), above, provide the total amount generated during the operation of the facility on an annual basis.
- b) Were any hazardous substances, including, but not limited to, the substances listed in response to item (3) or identified in the responses to item (4), above, disposed of in or discharged to the Passaic River including its tributaries? If yes, identify the hazardous substances, estimate the amount of material discharged to or disposed of in the Passaic River including its tributaries and the frequency with which this discharge or disposal occurred. Also please include any sampling of the river which you might have done after any discharge or disposal.
- 8) Please identify any leaks, spills, explosions, fires or other incidents of accidental material discharge that occurred at the facility during which or as a result of which any hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4), were released on the property, into the waste water or storm drainage system at the facility or to the Passaic River including its tributaries. Provide any documents or information relating to these incidents, including the ultimate disposal of any contaminated materials.
- a) Please provide the results of any sampling of the soil, water, air or other media after any such incident and before and after clean-up. Please provide in this information all sampling performed for or by NJDEP or EPA.
- 9) a) Was your facility ever subject to flooding. If so, was the flooding due to:
 - i) overflow from sanitary or storm sewer back-up, and/or

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ii) flood overflow from the Passaic River?

b) Please provide the date and duration of each flood event.

10) Please provide a detailed description of any civil, criminal or administrative proceedings against your company for violations of any local, State or federal laws or regulations relating to water pollution or hazardous waste generation, storage, transport or disposal. Provide copies of all pleadings and depositions or other testimony given in these proceedings.

11) Provide a copy of each document which relates to the disposal of all hazardous substances, including, but not limited to, the substances listed in response to item (3) or (4). If you are unable to provide a copy of any document, then identify the document by describing the nature of the document (e.g. letter, file memo, invoice, inventory form, billing record, hazardous waste manifest, etc.). Describe the relevant information contained therein. Identify by name and job title the person who prepared the document. If the document is not readily available, state where it is stored, maintained, or why it is unavailable.

12) a) Did you or anyone else sample the soil, ground water, surface water, ambient air or other environmental media at the facility for purposes other than those identified in the questions above including CERCLA, RCRA, or ECRA/ISRA?

b) If so, please provide all other documents pertaining to the results of these analyses.

13) a) Has your company owned the facility at the location designated above? If so, from whom did your company purchase the property and in what year? If your company subsequently sold the property, to whom did your company sell it and in what year? Please provide copies of any deeds and documents of sale.

b) If your company did not own the facility, from whom did your company rent the facility and for what years? Please provide copies of any rental agreements.

c) To the extent that you know, please provide the names of all parties who owned or operated the facility during the period from 1940 through the present. Describe the relationship, if any, of each of those parties with your company.

14) Answer the following questions regarding your business or company. In identifying a company that no longer exists, provide all the information requested, except for the agent for service of process. If your company did business under more than one name, list each name.

a) State the legal name of your company.

b) State the name and address of the president or the chairman of the board, or other presiding officers of your company.

c) State the number of people employed by your company.

877240064

- d) Identify the state of incorporation of your company and your company's agent for service of process in the state of incorporation and in New Jersey.
- e) Provide a copy of your company's "Certificate of Incorporation" and any amendments thereto.
- f) If your company is a subsidiary or affiliate of another company, or has subsidiaries, or is a successor to another company, identify these related companies. For each related company, describe the relationship to your company, indicate the date and manner in which each relationship was established.
- g) Identify any predecessor organization and the dates that such company became part of your company.
- h) Identify any other companies which were acquired by your company or merged with your company.
- i) Identify the date of incorporation, state of incorporation, agents for service of process in the state of incorporation and New Jersey, and nature of business activity, for each company identified in the responses to items (14)(e), (f), and (g), above.
- j) Identify all previous owners or parent companies, address(es), and the date change in ownership occurred.

15) Provide the name, address, telephone number, title and occupation of the person(s) answering this "Request for Information" and state whether such person(s) has personal knowledge of the responses. In addition, identify each person who assisted in any way in responding to the "Request for Information" and specify the question to which each person assisted in responding. Please include the names and addresses of former employees who were contacted to respond to any of the questions.

877240065

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION

State of _____:

County of _____:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that my company is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or the company's response thereto should become known or available to the company.

NAME (print or type)_____
TITLE (print or type)_____
SIGNATURE

Sworn to before me this ____ day of ____ 20__

Notary Public Signature

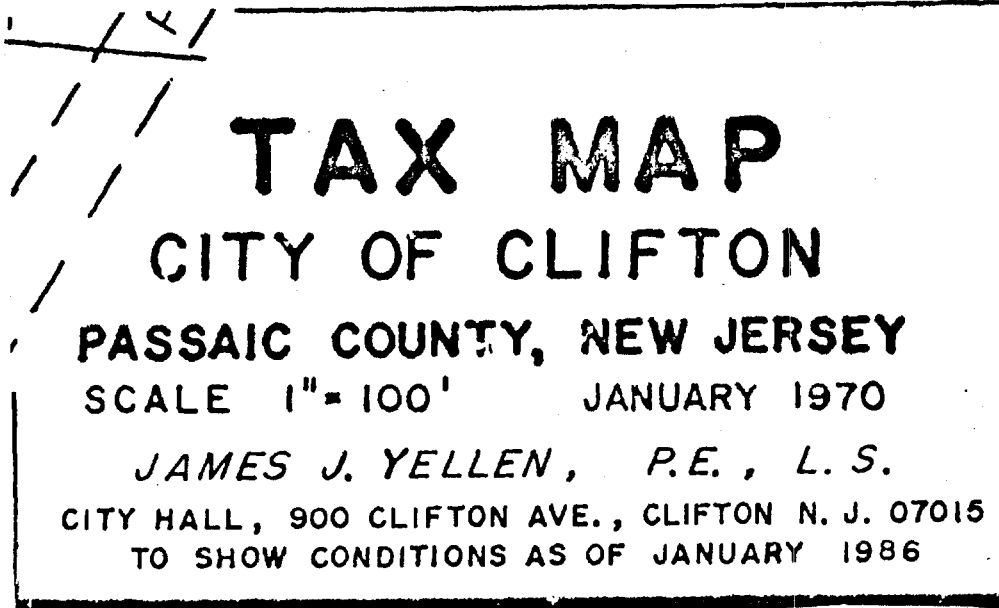
877240066

Attachment 2
Givaudan's Former Clifton, New
Jersey Properties

NOTICE ABOUT OVERSIZED MAP

THIS MAP CAN BE FOUND IN THE SITE FILE LOCATED AT: U.S. EPA SUPERFUND RECORDS CENTER, 290 BROADWAY, 18TH FLOOR, NY, NY 10007. TO MAKE AN APPOINTMENT TO VIEW THE MATERIAL PLEASE CONTACT THE RECORD CENTER AT (212) 637-4308.

Copy map title block and cut it to fit the dotted text box. If it is illegible, print in this area: MAP TITLE BLOCK ILLEGIBLE



877240069

NOTICE ABOUT OVERSIZED MAP

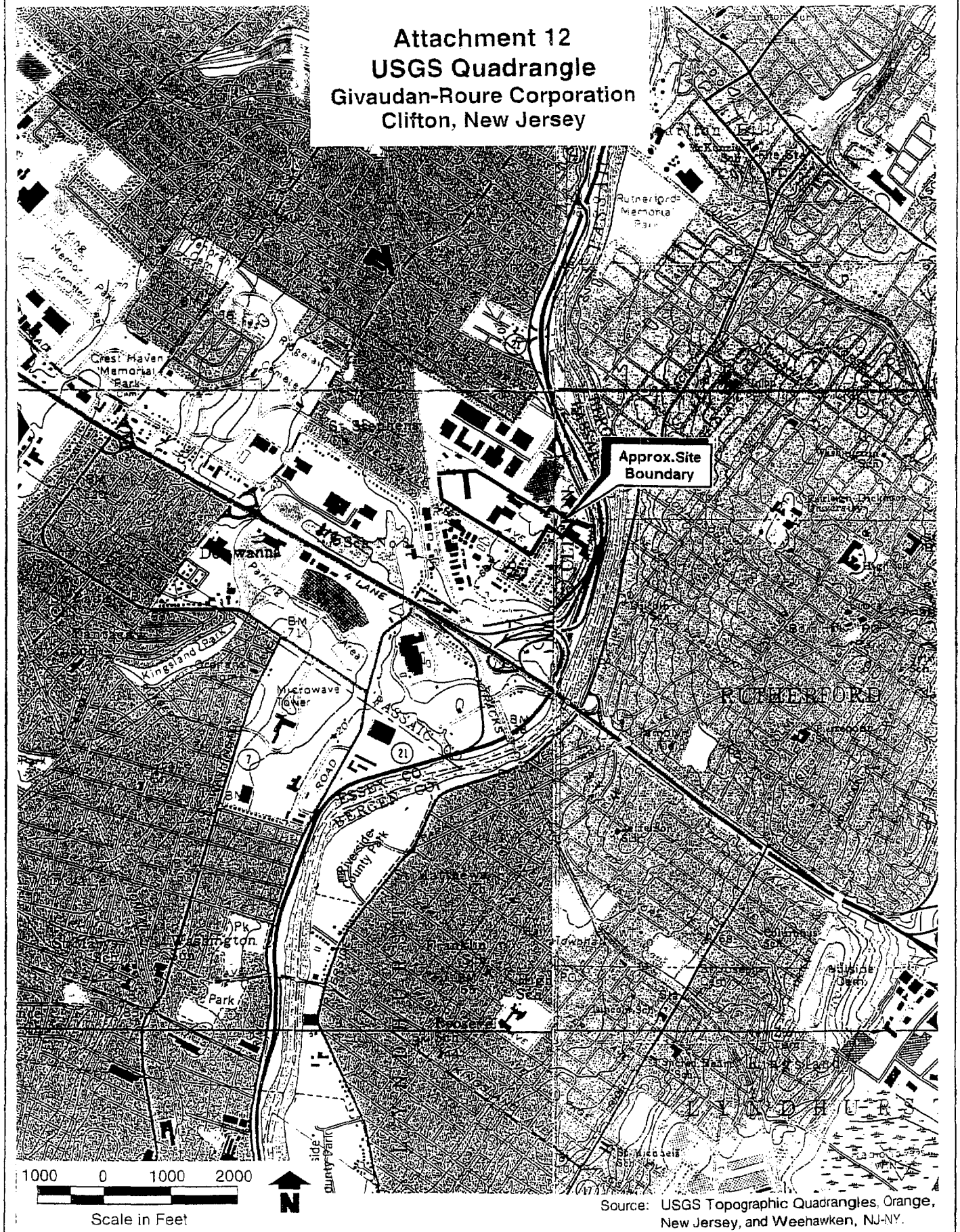
THIS MAP CAN BE FOUND IN THE SITE FILE LOCATED AT: U.S. EPA SUPERFUND RECORDS CENTER, 290 BROADWAY, 18TH FLOOR, NY, NY 10007. TO MAKE AN APPOINTMENT TO VIEW THE MATERIAL PLEASE CONTACT THE RECORD CENTER AT (212) 637-4308.

Copy map title block and cut it to fit the dotted text box. If it is illegible, print in this area: MAP TITLE BLOCK ILLEGIBLE

TAX MAP	
CITY OF CLIFTON	
PASSAIC COUNTY, NEW JER	SEY
SCALE 1" = 100'	JANUARY 1970
JAMES J. YELLEN, P.E., L.S.	
CITY HALL, 900 CLIFTON AVE., CLIFTON N.J. 07015	
TO SHOW CONDITIONS AS OF JANUARY 1988	

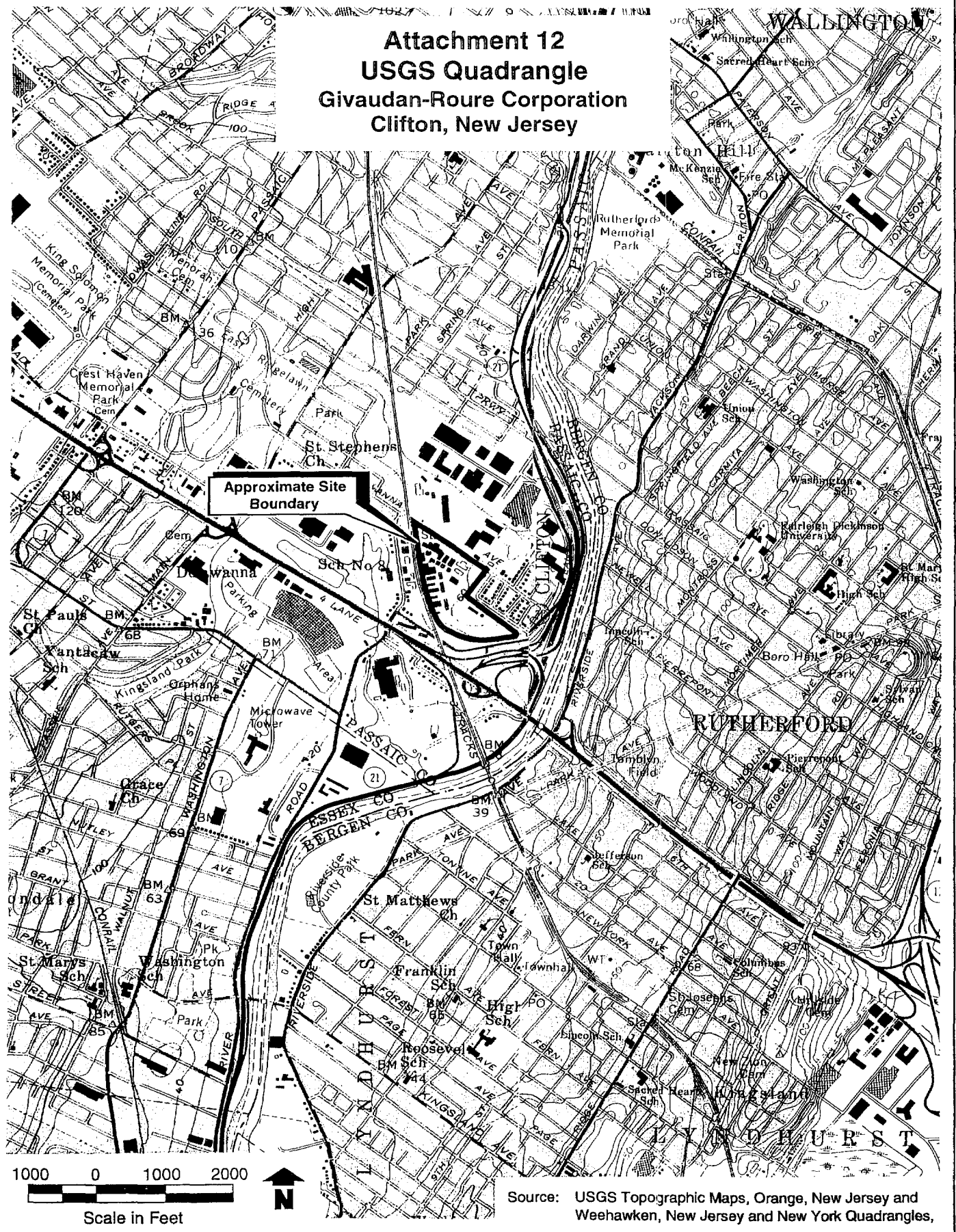
877240070

Attachment 12
USGS Quadrangle
Givaudan-Roure Corporation
Clifton, New Jersey



Source: USGS Topographic Quadrangles, Orange, New Jersey, and Weehawken, NJ-NY.

Attachment 12 USGS Quadrangle Givaudan-Roure Corporation Clifton, New Jersey



Source: USGS Topographic Maps, Orange, New Jersey and Weehawken, New Jersey and New York Quadrangles,

NOTICE ABOUT OVERSIZED MAP

THIS MAP CAN BE FOUND IN THE SITE FILE LOCATED AT: U.S. EPA SUPERFUND RECORDS CENTER, 290 BROADWAY, 18TH FLOOR, NY, NY 10007. TO MAKE AN APPOINTMENT TO VIEW THE MATERIAL PLEASE CONTACT THE RECORD CENTER AT (212) 637-4308.

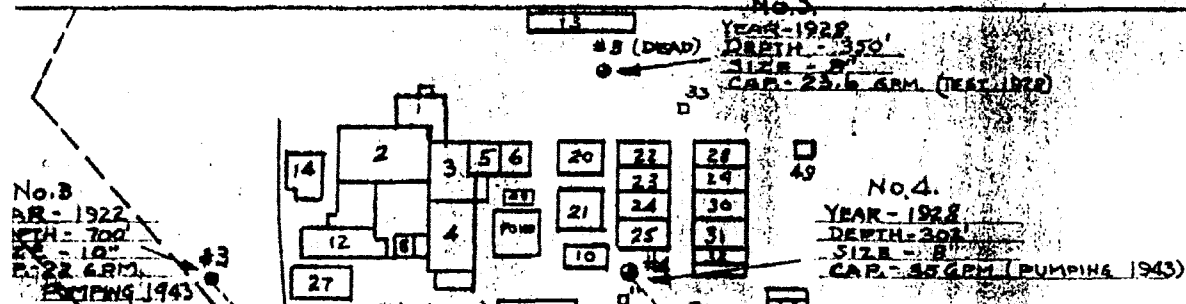
Copy map title block and cut it to fit the dotted text box. If it is illegible, print in this area: MAP TITLE BLOCK ILLEGIBLE

Site Map with Areas of Potential Concern

Heines/CMP	DATE 05.20.99/06.03.99	CLIENT APPROVAL
= 60'	W.O. No. 22323.00.01/I316 /1C	ISSUED FOR DATE

877240073

DELAWANNA AVE.



No. 2
YEAR - 1917
DEPTH - 501'
SIZE - 8"
CAP - 18.4 GPM (TEST 1931)

No. 1
YEAR - 1924
DEPTH - 380'
SIZE - 8"
CAP - 20 GPM (PUMPING 1943)

No. 6
YEAR - 1920
DEPTH - 297'
SIZE - 6"
CAP - 50 GPM (PUMPING 1943)

THIS DRAWING IS
SUPERSEDED
BY SK - 1730

VOID
SEE SK-1730
5-4-68
CWJ

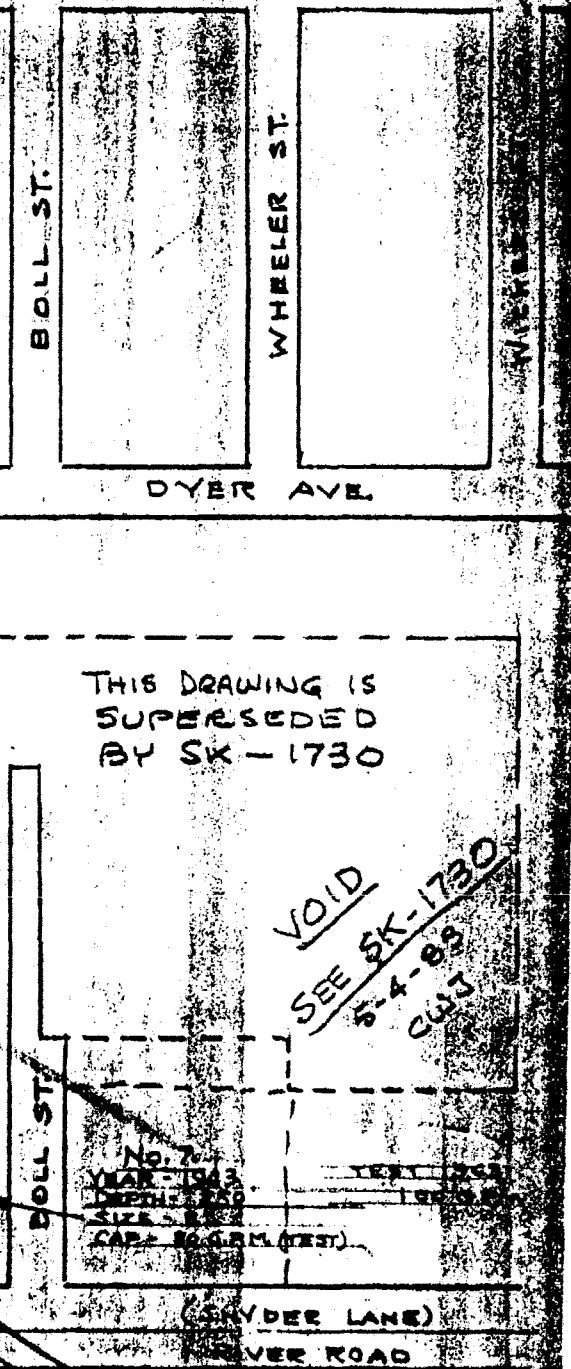
WELL SYSTEM
GIVAUDAN-DELAWANNA, INC.
DELAWANNA, N. J.
SCALE 1" = 180'

JUNE 24, 1943

MICROFILMED

MAY 4, 1951

877240075



Attachment 3
Letter to EPA dated 25 June 2004

PITNEY HARDIN LLP

(MAIL TO)

P.O. BOX 1945

MORRISTOWN, NEW JERSEY 07962-1945

(DELIVERY TO)

200 CAMPUS DRIVE

FLORHAM PARK, NEW JERSEY 07932-0950

(973) 966-6300

FACSIMILE (973) 966-1015

NEW YORK, NEW YORK

(212) 297-5800

FACSIMILE (212) 916-2940

RED BANK, NEW JERSEY

(732) 224-1200

FACSIMILE (732) 224-3630

BRUSSELS, BELGIUM

32-02-514-54-19

FACSIMILE 32-02-514-16-59

GAIL H. ALLYN

DIRECT DIAL NUMBER

973-966-8048

E-MAIL

GALLYN@PITNEYHARDIN.COM

June 25, 2004

Ms. Elizabeth Butler, Remedial Project Manager
Emergency and Remedial Response Division
U.S. Environmental Protection Agency
290 Broadway - 19th Floor
New York, New York 10007-1866

Re: Givaudan Fragrances Corporation
Lower Passaic River Study Area
Request for Information Pursuant to 42 U.S.C. §§9601-9675

Dear Ms. Butler:

This will confirm our telephone conversation today, wherein you agreed to a further extension of time until July 9, 2004 for my client, Givaudan Fragrances Corporation, to respond to the above-referenced information request. As we also discussed, any responses that Givaudan is unable to complete by July 9, 2004 will be completed as soon as possible thereafter, and submitted as a supplement to our responses.

Thank you for your consideration in this matter.

Very truly yours,

GAIL H. ALLYN

GHA/jej

cc: Mr. Timothy Gromen, Givaudan Fragrances Corporation
✓ Mr. Rick Wroblewski, ERM

877240078

Attachment 4
Response to 1983 NJDEP
Request For Information

PITNEY, HARDIN, KIPP & SZUCH

163 MADISON AVENUE

CN 1945

MORRISTOWN, NEW JERSEY 07960

ROBERT P. HAZLEHURST, JR.
JOHN BARKER
CHARLES R. HARDIN, JR.
ROGER C. WARD
JAMES C. PITNEY
WILLIAM D. HARDIN
CLYDE A. SZUCH
S. JOSEPH FORTUNATO
WILLIAM H. HYATT, JR.
LAWRENCE F. REILLY
MURRAY J. LAULICHT
EDWARD P. LYNCH
GERALD C. NEARY
JOSEPH LUNIN
RICHARD L. PLOTKIN
TIMOTHY R. GREINER
ROBERT L. HOLLINGSHEAD
FREDERICK L. WHITMER
GREGORY C. PARLIHAN
ROBERT G. ROSE
JOSEPH H. KOTT
MARY LOU PARKER
PAUL E. GRAHAM
J. MICHAEL NOLAN, JR.
WARREN J. CASEY
KEVIN J. O'DONNELL

MORRISTOWN (201) 267-3333

NEW YORK (212) 926-0331

TELEX 642014

TELECOPIER (201) 267-3727

NEWARK OFFICE

33 WASHINGTON STREET
NEWARK, NEW JERSEY 07102

(201) 623-1980

WRITER'S DIRECT

DIAL NUMBER
(201) 631-4841

July 26, 1983

Mr. Michael F. Catania
Director
Department of Environmental Protection
Office of Regulatory Services
CN 402
Trenton, New Jersey 08625

RE: Givaudan Corporation

Dear Mr. Catania:

The purpose of this letter is to respond to your June 20, 1983 letter request for information, as clarified in our July 20, 1983 conference in your offices. For convenience, each of the categories of information you requested in your June 20, 1983 letter will be set forth, followed by the information we understand will be responsive to your needs. In each case, the information is complete to the best of our knowledge and information.

"The history of chemical production processes at the facility, with particular emphasis on the production of trichlorophenol and hexachlorophene."

Enclosed are lists of products produced by the Company at its Clifton, New Jersey facility. Attachment A lists such products produced during the period from 1924 through 1972. These lists are contained on forms which also include information about production

877240081

Mr. Michael F. Catania
July 26, 1983
Page 2.

levels which we have deleted because we regard that information as proprietary and because we understand you do not need that information for your purposes. Since similar product lists are not available in this format for the period from 1973 to 1983, we have prepared a list of current products (Attachment B) and lists of products at five year intervals for 1978 (Attachment C) and 1973 (Attachment D). These five year product lists are representative of products produced by the Company at its Clifton, New Jersey facility during each of the five-year periods and contain all products in which we believe you would be interested for purposes of your current investigation.

2,4,5-Trichlorophenol was manufactured by the Company in Clifton during the years 1947, 1948 and 1949. To the best of our knowledge, all this production occurred in Buildings 54 and 60.

Industrial production of Hexachlorophene started in 1947 and has continued since then in Buildings 58, 59 and 60. Additionally, during the years 1970, 1971 and 1972 Hexachlorophene was also produced in Building 9. Grinding and packaging of the final product has been performed in Buildings 47, 75 and 75A.

"The history of operations at this site by Givaudan or any other party, including any unusual occurrences such as accidents, fires, explosions, etc."

Enclosed is a two-page written summary entitled "History of Site Presently Occupied by Givaudan Aromatic Chemical Plant", (Attachment F) prepared by G. F. Talarico, dated July 5, 1983. Also enclosed is a complete list of fires, explosions and accidents at the Company's facility since 1960, (Attachment G) prepared by W. Turetsky.

"A summary of the solid and hazardous waste and waste water disposal practices and facilities, including a listing of the haulers of this waste and the final disposition thereof."

Enclosed as Attachment H are two attachments, numbered 1 and 2, entitled, respectively, "Hexachlorophene Process: Off-Site Disposal Activities" and "Waste Sent Off-Site for Disposal 1975-1983". In

Mr. Michael F. Catania
July 26, 1983
Page 3.

addition, hazardous waste manifests maintained in accordance with your regulatory requirements, are available for your inspection. The records prior to 1975 do not specifically identify the materials shipped or the disposal site but do identify the contractor used.

"An identification of all suppliers of trichlorophenol used or stored at the facility, including the time frames for each supplier."

Enclosed as Attachment I is a list identifying all suppliers to the Company of trichlorophenol, including the time frames for each supplier.

"A summary of analytical testing for dioxin contamination of trichlorophenol produced at the facility or purchased from other sources, as well as hexachlorophene or other finished products."

Enclosed are Attachments J and K, dated, respectively April 19, 1983 and June 24, 1983, reporting analyses of 2,4,5-Trichlorophenol for TCDD performed by the Company's research labs and for the Company's quality assurance department by California Research Labs. Enclosed is Attachment L which is an affidavit dated July 22, 1983, summarizing the results of analysis of Hexachlorophene for TCDD. No other products were tested for TCDD as there is and has been no reason to suspect any such contamination.

"A summary of demolition activities which have occurred on-site, including an indication of the activities which were formerly conducted in any demolished buildings, and identification of any demolition contractor(s) who performed this work, the final disposition of the resultant rubble, and a listing of the source, description and present location of any fill materials which may have been placed on-site subsequent to such demolition."

Enclosed is Attachment M which is a two-page written memorandum dated July 25, 1983 with two pages of attached exhibits describing demolition activities at or on the Company's facility in Clifton, New

Mr. Michael F. Catania
July 26, 1983
Page 4.

Jersey. To the best of our knowledge, this memorandum describes all such demolition activities with the exception of the demolition of the residences north of Delawanna Avenue, described in the next section of this letter.

You have also requested that we provide you with information concerning the production history of the portion of the Company's facility north of Delawanna Avenue. No operations have occurred, to the best of our knowledge, in that portion of the Company's facility involving any chemical synthesis. For purposes of advising you of the history of that portion of the Company's facility, we have, for convenience, divided the area into segments east and west of Colorado Street. A plot plan depicting the area north of Delawanna Avenue is enclosed as Attachment E.

With respect to the area east of Colorado Street and north of Delawanna Avenue, there were, until 1968, three residences which stood in the area now occupied by Building 100 (the main headquarters building). Those residences were demolished in approximately 1968 and construction of Building 100 began in 1969. Prior to 1970 (at least as far back as 1956), Building 105 was owned by the Bergen County Express Co. Building 105 was purchased by the Company in approximately 1970 and, during the period from 1970 to 1974, was leased to Bergen County Express Co. for use as a warehouse. In 1974, with the approval of the Food and Drug Administration, the Company established a Flavor Center in Building 105 which has been used for that purpose since then. It is used for the mixing and drying of flavors. In 1976, Building 105 was expanded by the addition of approximately 38,000 sq. ft. of useable space to allow for the installation of an additional drier as well as providing additional warehouse space.

Building 102 was built in approximately 1959 and has been used since then by (a) Monarch/Premier Albums, a manufacturer of record albums, (b) a company called Gemini, a manufacturer of mailboxes and antennas and (c) a company called Bermas, a plastics manufacturer and Quaker Fabric Corp., a knitting mill which continue to occupy this building.

Building 106 was built in approximately 1959 and was used until 1975 as a lumber storage facility by Weyerhaeuser. From 1976 to 1982,

PITNEY, HARDIN, KIPP & SZUCH

Mr. Michael F. Catania
July 26, 1983
Page 5.

the Company used Building 106 for warehousing and storage of flavor ingredients. This building is now empty and available for rent.

With respect to the area of the Company's facility west of Colorado Street and north of Delawanna Avenue, during the period from 1946 until 1966, there was a brass and aluminum castings foundry, operated by a company known as Krause-Doremus which may also have conducted limited operations during the period from 1966 to 1969. From 1969 to 1971, the building which had housed the Krause-Doremus foundry was vacant and was demolished in 1971. There was a second, vacant lot also associated with the Krause-Doremus foundry. In addition, there were three residences which the Company successively acquired between 1968 and 1970, all of which were demolished in or about 1970. Also located in that area of the Company's facility is Building 103, now used for fragrance compounding. As early as 1916, the buildings were used, we understand, as an oil cloth factory. In 1946, the buildings were purchased by Hoffmann LaRoche which designated them as "Building 72" and "Building 72-A". "Building 72", demolished in 1969, was used for mixing and warehousing of vitamins. "Building 72-A" now known as Building 103, was used for the warehousing of vitamins until 1969, when the building was acquired by the Company for use in fragrance compounding. No Hexachlorophene was ever produced, compounded or otherwise used in the facilities on the north side of Delawanna Avenue.

We trust you will find this letter responsive to your inquiry of June 20, 1983, but if you need further information, please contact me.

Very truly yours,

WILLIAM H. HYATT, JR.

WHH,JR/mc

Encs.

cc: Mr. Jon Christensen
Mr. Armin Kessler

877240085

FINISHED MATERIAL

1924 - 1929

PRODUCT

Acetophenone
Tech

Acetyl Eugenol

Acetyl Iso Eugenol

Allyl Bromide

Oil Bitter Almond SPA

Amber Liquid Clarified

Amyl Cinnamic
Aldehyde

Amyl Ether

Amyl Propionate

Amyl Salicylate Extra
Extra Spec
Prime

Anethol
Redist.

Oil Angelica Seed

Angelica Seed
Soluble Resin

Aubepine

Aurantiol

*made in Research Lab.

877240086

2. FINISHED MATERIALS

1924-1929

Oil Bay Terpeneless

Benzoin Abs. Resin
Sol. " "

Benzophenone

Benzyl Acetate Extra
Extra Spec
FFC
Hearts
Mfg.
Prime

Benzyl Alcohol
Mfg.
Tech

Benzyl Benzoate

Benzyl Cyanide

Benzylidene Acetone

Benzyl Propionate

Benzyl Salicylate

Bergamot Terpeneless

Bois de Rose
Terpeneless

Bois de Siam #49

Borneol

Bornyl Acetate
Tech

Brom Styrol

*made in Res. Lab.

877240087

3. FINISHED MATERIALS

1924-1929

Butyl Ether

Butyl Safrol

Capsicum Oleoresin

Caraway Seed Oil

Cardamon Seed Oil

Castoreum Abs. Resin

Castoreum Liquid

Castoreum Soluble Resin

Cedarwood Oil Rect.
3-5

Cedrone

Cedrone Ceylon

Cedrone J 30

Cedrone #38

Cetone D

Cetyl Alcohol
Comma.

Chloretone Anhydrous
Hydrate

Cinnamic Alcohol
Liquid
Mfg.
Synth.
from Styrax

n made in Res. Lab.

877240088

4. FINISHED MATERIALS

1924-1929

Cinnamic Aldehyde
Tech.

Cinnamyl Cinnamate

Citral B
100%
Extra
Extra Fine
SS
VS
Special

CitroGeraniol

Citronellal

Citronellol
B Extra
Extra
Mfg.
Soap
Special

Citronellyl Acetate

Civet Clarified

Clair de Styrax

Oil Clove Buds
Spec.

Oil Clove AR

Oil Clove Rectified

Composite #10

Compound #1

Oil Copaiba

*made in res. lab.

877240089

5. FINISHED MATERIALS

1924-1929

Oil Cornmint
Triple Dist.

Coumarin
Spec.

p-Cresyl Acetate

p-Cresyl Methyl
Ether

m-Cresyl Phenyl
Acetate

p-Cresyl Phenyl
Acetate

Oil Cumin Seed

Dibenzyl

Dimethyl Phthalate

Diphenyl

Diphenyl Oxide

Durabol

Esterpene

Ethone

Ethyl Anthranilate

Ethyl Benzoate

Ethyl Cinnamate

*made in res.lab.

6. FINISHED MATERIALS

1924-1929

Ethyl Citrate

Ethyl Lactate

Ethyl Malate

Ethyl Myristate

Ethyl Oenanthylate

beta (p-Ethyl Phenyl)
Ethyl Alcohol

Ethyl Phenyl Acetate

Ethyl Succinate

Ethyl Tartrate

Eugenol

Extra
Mfg.
Tech.
USP

Galbanum Abs. Resin
Sol. Resin

Gerallol

Extra
by Hydrogen
Mfg.
Prime
Special

Gerallyl Acetate

1

*made in Research Lab.

877240091

7. FINISHED MATERIALS

1924-1929

Geraniol AC
Spec.

Geraniol
C
Extra
Extra Spec
Geraniol from
Geranthol
Geraniol Prime
G
Pure
G
for Soap
Special
G

Geranolene
Double Dist.

Geranyl Acetate

Geranyl Acetate Brut

Geranyl Butyrate

Geranyl Phenyl
Acetate

Oleoresin Ginger

Ginger Abs. Resin

Heliotropine
Mfg.
Recry.
Spec.

*made in res. lab.

877240092

8. FINISHED MATERIALS

1924-1929

Iceland Moss
Abs. Resin

Irisone Brut
Mfg.
FH
Pure
Pure Spec.
P & G
P&G Soap
S D

Iso Butyl Benzoate

Iso Butyl Phenyl
Acetate

Iso Butyl Salicylate

Iso Eugenol
Extra
Mfg.

Iso Pulegol

Oil Juniper Berries

Labdanum Abs. Resin
Sol. Resin

Lavanthol

Laurine
Hearts

Oil Lemon Con-
centrate

Oil Lemon Special

Oil Lemon Terpene-
less

* made in res. lab.

877240093

9. FINISHED MATERIALS

1924-1929

Lilol

Linalool Brazilian
Cayenne
Extra
Extra EE

Linalyl Acetate Braz.
75%
92%
95%

Linalyl Acetate EE 92%

Linalyl Acetate H
75% Tech.
92%

Linalyl Acetate Prime

Oil Mace

Methyl Acetate

Methyl Acetophenone

Methyl Benzoate

Methyl Cinnamate
Mfg.

Methyl Coumarin

Methyl Phenyl Acet-
aldehyde

Methyl Phenyl Acetate
Mfg.

Miscible Oil #2
Ethyl Ether

*made in res. lab.

877240094

10. FINISHED MATERIALS

1924-1929

Moskene

Musk Ambrette
Powd.
Fine Crystals

Musk Ketone
Powd.

Musk Xylol
Spec.
Spec Powd.

Myrrh Abs. Resin
Sol. Resin

Neantine

Nutmeg Butter

Oil Nutmeg
Redist.

Oak Moss Abs. Resin
Sol. Resin
Liq. Conc.

Olibanum Abs. Resin
Sol. Resin

Opoponax Abs. Resin

Oranger Crystals

Oil Orange Terpene-
less
New

*made in res. lab.

877240095

11. FINISHED MATERIALS

1924-1929

Oil Orris Concrete

Orris Abs. Resin
Sol. Resin

Oleoresin Orris

Oil Patchouly
Spec.

Oil Peppermint Am.
Redist.
Spec.
Triple Dist.
USP

Oil Peppermint
Leaves

Peru Balsam Abs.
Resin

Petitgrain Oil
Acetylated

Oil Petitgrain
Fract. 3-5
Rectified
Terpeneless

Phenyl Acetaldehyde
Mfg.

Phenyl Acetic Acid
Purified

Phenyl Ethyl
Acetate

Phenyl Ethyl
Alcohol
Mfg.

N. P.
made in U.S. lab.

877240096

12. FINISHED MATERIALS

1924-1927

Phenyl Ethyl
Phenyl Acetate

Phenyl Ethyl
Propionate

Phenyl Ethyl
Salicylate

Phenyl Propyl
Acetate

Phenyl Propyl
Alcohol

Phthalol

Plantain Leaves
Abs. Resin

Raldeine A
AS₂

Raldeine Delta

Raldeine Omega

Rhodex

Rhodinol Extra
Pure
Synth.

Rhodinyl Acetate

Roseone
Extra

* made in research Lab.

877240097

13. FINISHED MATERIALS

1924-1927

Sandalwood Oil

Oil Canada Snake
Root

Solvent D

Styrax Abs. Resin
Sol. Resin

Styrax Liquid
Clarified

Styrolene

Sublimation Base
(Urethane)

Sweetanol

alpha Terpineol

Terpineol Anhydrous
B
Extra
Prime
P&G

1

Terpinhydrate
Recry.
USP

Terpinyl Acetate
Beta
Extra
Mfg.
Prime

Tolu Balsam
Abs. Resin
Sol. Resin

Made in reg. lab.

877240098

14. FINISHED MATERIALS

1924-1927

Tolu Balsam
Clarified

Tolyl Acetaldehyde

Undecylenic Alcohol

Oleoresin Vanilla

Vanillin AC

Vanillin

Cryst.
Mfg.
N.P.
Spec.
White
Yellow

Vanillin XXXX

H.P.
White
Yellow

Vanillin Brut

Vetiver Acetate

Oil Vetiver

Clarified
Rect.

Oleoresin Vetiver

877240099

INTERMEDIATES

1924-1929

PRODUCT

Ambrogene

Ambrol

Bois de Rose Redist.

Bois de Rose Washed

Borneol Crystals
Crude

tert. Butyl Chloride

Butyl Ketone

Butyl Phenate

Butyl Xylene

Cinnamic Acid
Crude
Tech.
Pure

Cinnamon Leaf
Ceylon Redist.

Oil Citronella
Java Redist.
Native "

Clove Brut

Oil Clove Dust
Stems

Oil Clove Leaf
Madagascar Redist.

877240100

2. INTERMEDIATES

1924-1924

m-Cresol

Elgene

Ethyl Monochlor
Acetate

Heptaldehyde

HO Oil Rect.

Iso Propyl Chloride

Iso Safrol

Lemongrass Oil
Redist.

Methyl Ricinoleate

Nonylic Acid

Phenyl Acetic Acid
Crude
Mfg.

Safrol
Mfg.

Salicylic Acid
Tech

Sassafras Art.

3

13

16

877240101

3. INTERMEDIATES

1924-1929

Soap R 12 A

Sodium Acetate
Fused

meta Xylene

877240102

FINISHED MATERIAL

1930 - 1934

PRODUCT

Acetophenone
Tech.

Acetyl Eugenol

Acetyl Iso Eugenol

Allyl Bromide

Oil Bitter Almond SPA

Amber Liquid Clarified

Amyl Cinnamic
Aldehyde

Amyl Ether

Amyl Propionate

Amyl Salicylate Extra
Extra Spec.
Prime

Anethol
Redist.

Oil Angelica Seed

Angelica Seed
Soluble Resin

Aubepine

Aurantiol

*made in Research Lab.

877240103

2. FINISHED MATERIAL

1930-1934

Oil Bay Terpeneless

Benzoin Abs. Resin
Sol. Resin

Benzophenone

Benzyl Acetate Extra
Extra Spec.
PFC
Hearts
Mfg.
Prime

Benzyl Alcohol
Mfg.
Tech.

Benzyl Benzoate

Benzyl Cyanide

Benzylidene Acetone

Benzyl Propionate

Benzyl Salicylate

Bergamot Terpeneless

Bois de Rose Terpene-
less

Oil Bois de Siam #49

Borneol

Bornyl Acetate
Tech.

Brom Styrol

made in res. lab.

877240104

3. FINISHED MATERIALS

1930-1934

Butyl Ether

Butyl Safrol

Capicum Oleoresin

Caraway Seed Oil

Cardamon Seed Oil

Castoreum Abs. Resin

Castoreum Liquid

Castoreum Soluble Resin

Cedarwood Oil Rect.
3-5

Cedrone

Cedrone Ceylon

Cedrone J 30

Cedrone #38

Cetone D

Cetyl Alcohol
Comm.

Chloretone Anhydrous
Hydrate

Cinnamic Alcohol
Liquid
Mfg.
Synth.
from Styrax

* made in research lab.
1

877240105

4. FINISHED MATERIALS

1930-1934

Cinnamic Aldehyde
Tech

Cinnamyl Cinnamate

Citral B
100%
Extra
Extra Fine
SS
VS
Special

CitroGeraniol

Citronellal

Citronellol
B Extra
Extra
Mfg.
Soap
Special

Citronellyl Acetate

Civet Clarified

Clair de Styrax

Oil Clove Buds
Spec.

Oil Clove AR

Oil Clove Rectified

Composite #10

Compound #1

Oil Copaiba

made in res. lab.

877240106

5. FINISHED MATERIALS

1930-1934

Oil Cornmint
Triple Dist.

Coumarin
Spec.

p-Cresyl Acetate

p-Cresyl Methyl
Ether

m-Cresyl Phenyl
Acetate

p-Cresyl Phenyl
Acetate

Oil Cumin Seed

Dibenzyl

Dimethyl Phthalate

Diphenyl

Diphenyl Oxide

Durabol

Esterpene

Ethone

Ethyl Anthranilate

Ethyl Benzoate

Ethyl Cinnamate

made in res. lab.

877240107

6. FINISHED MATERIALS

1930-1934

Ethyl Citrate

Ethyl Lactate

Ethyl Malate

Ethyl Myristate

Ethyl Oenanthylate

Beta (p-Ethyl Phenyl)
Ethyl Alcohol

Ethyl Phenyl Acetate

Ethyl Succinate

Ethyl Tartrate

Eugenol

Extra
Mfg.
Tech.
U.S.P.

Galbanum Abs. Resin
Sol. Resin

Gerallol

Extra
by Hydrogen
Mfg.
Prime
Special

Gerallyl Acetate

7. FINISHED MATERIALS

1930-1934

Geraniol AC
Spec.

Geraniol
C
Extra
Extra Spec.
Geraniol from
Geranthol
Geraniol Prime

G
Pure
G
For Soap
Special
G

Geranolene
Double Dist.

Geranyl Acetate

Geranyl Acetate Brut

Geranyl Butyrate

Geranyl Phenyl
Acetate

Oleoresin Ginger

Ginger Abs. Resin

Heliotropine
Mfg.
Recry.
Spec.

made in res. lab.

8. FINISHED MATERIALS

1930-1934

Iceland Moss
Abs. Resin

Irisone Brut
Mfg.
PH
Pure
Pure Spec.
P & G
P&G Soap
S D

Iso Butyl Benzoate

Iso Butyl Phenyl
Acetate

Iso Butyl Salicylate

Iso Eugenol
Extra
Mfg.

Iso Fulegol

Oil Juniper Berries

Labdanum Abs. Resin
Sol. Resin

Lavanthol

Laurine
Hearts

Oil Lemon Con-
centrate

Oil Lemon Special

Oil Lemon Terpene-
less

Made in res. lab.

877240110

9. FINISHED MATERIALS

1930-1934

Lilol

Linalool Brazilian
Cayenne
Extra
Extra BB

Linalyl Acetate Braz.
75%
92%
95%

Linalyl Acetate BE 92%

Linalyl Acetate H
75% Tech.
92%

Linalyl Acetate Prime

Oil Mace

Methyl Acetate

Methyl Acetophenone

Methyl Benzoate

Methyl Cinnamate
Mfg.

Methyl Coumarin

Methyl Phenyl Acet-
aldehyde

Methyl Phenyl Acetate
Mfg.

Miscible Oil #2
Ethyl Ether

Miscible Oil #2

10. FINISHED MATERIALS

1952 1154

Moskene

Musk Ambrette

Powd.
Fine Crystals

Musk Ketone

Powd.

Musk Xylol

Spec.
Spec Powd.

Myrrh Abs. Resin

Sol. Resin

Neantine

Nutmeg Butter

Oil Nutmeg

Radist.

Oak Moss Abs. Resin

Sol. Resin

Liq. Conc.

Olibanum Abs. Resin

Sol. Resin

Opoponax Abs. Resin

Oranger Crystals

Oil Orange Terpene-
less

New

Made in reg. lab.

877240112

11. FINISHED MATERIALS

1930-1934

Oil Orris Concrete

Orris Abs. Resin
Sol. Resin

Oleoresin Orris

Oil Patchouly
Spec.

Oil Peppermint Am.
Redist.
Spec.
Triple Dist.
USP

Oil Peppermint
Leaves

Peru Balsam Abs.
Resin

Petitgrain Oil
Acetylated

Oil Petitgrain
Fract. 3-5
Rectified
Terpeneless

Phenyl Acetaldehyde
Mfg.

Phenyl Acetic Acid
Purified

Phenyl Ethyl
Acetate

Phenyl Ethyl
Alcohol
Mfg.
N.P.

Made in res. lab.

877240113

12. FINISHED MATERIALS

1930-1934

Phenyl Ethyl
Phenyl Acetate

Phenyl Ethyl
Propionate

Phenyl Ethyl
Salicylate

Phenyl Propyl
Acetate

Phenyl Propyl
Alcohol

Phthalol

Plantain Leaves
Abs. Resin

Raldeine A
AS₂

Raldeine Delta

Raldeine Omega

Rhodex

Rhodinol Extra
Pure
Synth.

Rhodinyl Acetate

Roseone
Extra

13. FINISHED MATERIALS

1930-1934

Sandalwood Oil

Oil Canada Snake
Root

Solvent D

Styrax Abs. Resin
Sol. Resin

Styrax Liquid
Clarified

Styrolene

Sublimation Base
(Urethane)

Sweetanol

alpha Terpineol

Terpineol Anhydrous
B
Extra
Prime
P&G

Terpinhydrate
Recry.
USP

Terpinyl Acetate
Beta
Extra
Mfg.
Prime

Tolu Balsam
Abs. Resin
Sol. Resin

made in res. lab.

14. FINISHED MATERIALS

1930-1934

Tolu Balsam
Clarified

Tolyl Acetaldehyde

Undecylenic Alcohol

Oleoresin Vanilla

Vanillin AC

Vanillin

Cryst.
Mfg.
N.P.
Spec.
White
Yellow

Vanillin XXXX

N.P.
White
Yellow

Vanillin Brut

Vetiver Acetate

Oil Vetiver

Clarified
Rect.

Oleoresin Vetiver

877240116

INTERMEDIATES

1930-1934

PRODUCT

Ambrogene

Ambrol

Bois de Rose Redist.

Bois de Rose Washed

Borneol Crystals
Crude

tert. Butyl Chloride

Butyl Ketone

Butyl Phenate

1

Butyl Xylene

Cinnamic Acid
Crude
Tech.
Pure

Cinnamon Leaf
Ceylon Redist.

Oil Citronella
Java Redist.
Native "

Clove Brut

Oil Clove Dust
Stems

Oil Clove Leaf
Madagascar Redist.

1

877240117

2. INTERMEDIATES

1930-1934

m-Cresol

Elgene

Ethyl Monochlor
Acetate

Heptaldehyde

HO Oil Rect.

Iso Propyl Chloride

Iso Safrol

Lemongrass Oil
Redist.

Methyl Ricinoleate

Nonylic Acid

Phenyl Acetic Acid
Crude
Mfg.

Safrol
Mfg.

Salicylic Acid
Tech

Sassafras Art.

877240118

3. INTERMEDIATES

1930-1934

Soap R 12 A

Sodium Acetate
Fused

meta Xylene

4

877240119

FINISHED MATERIAL

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Acaciol						
Acetal R						
Acetate C-8						
Acetate C-9						
Acetate C-10						
Acetate C-11						
Acetate C-12						
Acetophenone						
Acetyl Iso Eugenol						
Aconitic Ester						
Adoxal						
Alcohol C-8						
Alcohol C-9						
Alcohol C-10						
Alcohol C-11						
Undecylenic						
Undecylic						
Alcohol C-12						
Aldehyde C-8						
Aldehyde C-9						
Aldehyde C-10						

877240120

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Aldehyde C-11 Undecylenic Hearts						
Aldehyde C-12 Lauric						
Aldehyde C-12 MHA Hearts						
Aldehyde C-14 Myristic						
Undecalactone						
Aldehyde C-16						
Aldehyde C-18 Prunolide						
Allyl Caproate						
Ambreine						
Amyl Benzoate						
Amyl Cinnamic Aldehyde						
Amyl Phenyl Acetate						
Amyl Propionate						
Amyl Salicylate Extra						
Amyl Salicylate Prime						
Anethol N.F. Redistilled						
Angelica Seed Oil						

877240121

	1935	1936	TOTAL MANUFACTURE		1939	1940
			1937	1938		
Anisic Acid						
Anisic Alcohol						
Anisyl Acetate						
Anisyl Formate						
Aubepine Liquid N.F.						
Aurantiol Pure						
Base #3						
Bay Oil Terpeneless						
Benzoin Siam Abs. Resin Special						
Benzophenone						
Benzyl Acetate Extra Hearts Prime						
Benzyl Alcohol						
			"C"			
			Mfg.			
			Cpd.			
			Med.			
			Perf.			
			Tech.			
Benzyl Benzoate N.F.						
Benzyl Butyrate						

877240122

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Benzyl Cinnamate						
Benzyl Formate						
Benzylidene Acetone Redist.						
Benzyl Iso Amyl Ether						
Benzyl Iso Butyrate						
Benzyl Iso Eugenol						
Benzyl Phenyl Acetate						
Benzyl Propionate						
Benzyl Salicylate						
Benzyl Valerinate						
Bergamot Terpeneless						
Birch Tar Rectified						
Bois de Rose Acetyl.						
Bois de Rose Formyl. Terpeneless						
Bois de Rose Terpene- less						
Borneol Large Crystals						
Crude "						
Tech.						
" Recryst.						
Crude Bulkcd						
Bornyl Acetate Pure						
Tech.						

877240123

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Bornyl Iso Valerate						
Bromosolv						
Bromstyrol						
Butoxy Saffrol						
n-Butyl Phenyl Acetate						
Butyrol						
Cade Oil Purified						
Camphor Oil K H						
Cananga Oil Rectified						
Cardamon Seed Oil						
Carvacrol Crude						
Redist.						
N.P.						
Tech.						
" N.P.						
" " Bis						
Cashew Nut Shell Liq.						
Hydrogenated Solution						
Castoreum Abs. Resin						
Sol. Resin						
Cedarwood Oil Oxidized						
Rectified						
Cedrol						

877240124

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Cedrons Ceylon						
Cedrons J 30						
Cedryl Acetate Crude Dist.						
Cetone Alpha						
Cetyl Alcohol Commercial Pract. Hydrog. G. D. Japan H Recryst. Pure Spec.						
Chlorbutanol Anhyd. Ground Hydrate						
p-Chlor meta Cresol Tech						
p-Chlor m-Xylenol						
p-Chlor Xylenol Sodium Salt						
Cidan #1						
Cidan #2						
Cinnamoin C						
Cinnamic Acid Pure Tech						
Cinnamic Alcohol Prime Pure Styrax Synthet						

877240125

	TOTAL MANUFACTURE					
	1935	1936	1937	1938	1939	1940
Citro Geraniol						
Citronellyl Acetate						
Citronellyl Butyrate						
Citronellyl Formate						
Citronellyl Iso Butyrate						
Citronellyl Propionate						
Civet Absolute						
Oil Civet Absolute						
Oil Clove Buds Redist.						
Clove Oil Terpene- less 95% 99%						
Clove Oil Light in Colo						
Compound 207						
208						
1002						
1004						
1007						
1051						
1123						
1159						
Compound 4-3897						
Comptonia Abs. Resin						

877240127

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Constituent #1						
4						
15						
Cosmetic Base #1						
Resin Costus						
Essence of Costus						
Coumarin (Coumaru)						
Mfg.						
Creosol						
Cresol Soap Mixture						
p-Cresyl Acetate						
p-Cresyl Iso Butyrate						
p-Cresyl Methyl Ether						
m-Cresyl Phenyl Acetate						
p-Cresyl Phenyl Acetate						
p-Cresyl Phenyl Oxide						
Cuminic Aldehyde						
Condensed						
beta Cumin Ethyl						
Alcohol						
Cyclamen Aldehyde						
compounding						
Crude						
Pure						
Extra						

877240128

	1935	1936	TOTAL MANUFACTURE			1940
			1937	1938	1939	
Cyclo Hexyl Butyrate						
Deltyl Extra						
Complete						
Prime						
Refined						
Tech.						
Derris Concent. #1						
Derris Spray						
Dibenzyl Technical						
Dibenzyl Ether						
Dist.						
Dibenzyl Ketone						
Dibenzylidene Acetone						
Diethyl Phthalate						
Dihydro Citronellol						

877240129

	1935	1936	TOTAL MANUFACTURE			
			1937	1938	1939	1940
Dimethyl Acetophenone						
Dimethyl Anthranilate						
Diphenyl Oxide						
Dow						
Ditolyl Methane						
Elemol						
Ethone						
Ethyl Amyl Ketone						
Ethyl Anisate						
Ethyl Benzoate						
Ethyl Cinnamate						
Ethyl Laurate						
Ethyl Oenanthylate						
Ethyl Pelargonate						
p-Ethyl Phenol						
Ethyl Phenyl Acetate						
Ethyl Propionate						
Technical						
Ethyl Salicylate						
Ethyl Spermylate						

877240130

	TOTAL MANUFACTURE					
	1935	1936	1937	1938	1939	1940
Ethyl Vanillin						
Eugenol Acetate						
Eugenol Bay						
C-95%						
Extra						
"C"						
Mfg.						
Prime (S)						
Mfg.						
U. S. P.						
U. S. P. Leaf						
U. S. P. X						
Fenchyl Anthranilate						
Fenchyl Salicylate						
Balsam Fir Oregon						
Follione						
Furfuryl Acetate						
G-4 ATR Resin						
G 4-40 Pure						
Technical						
G 4-50						
G-4 Crude						
Pure						
Technical						

877240131

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
G-5						
G-11 Crude Powder						
Pure						
N. W. Ref.						
N. W. Ref. 10%						
N. W. Tech.						
Sodium Salt						
Technical						
G-11 Tech. 50%						
Sol. in M.E.K.						
Galbanum Abs. Resin						
Gerallol						
Crude						
Crude Bis						
Extra						
Technical						
Geraniol L (*See page 1)						
Mfgd. By-P						
PR 3-4						
Prime						
Pure						
Pure M						
Pure for						
Mfg.						
" M						
for Soap						
Special						
Geraniol Acetate Prime						
Geranium Bourbon						
Terpenes						
Geranium Oil						

877240132

	TOTAL MANUFACTURE					
	1935	1936	1937	1938	1939	1940
Geranolene Acetate Prime Prime L Hearts cpd.						
Geranolene Double Distilled						
Geranyl Acetate cpd.						
Geranyl Acetate Brut						
Geranyl Benzoate						
Geranyl Butyrate						
Geranyl Formate Mfg.						
Geranyl Phenyl Acetate						
Geranyl Propionate						
Goldenrod Oil Blossoms Stems Dried						
Oil Hay						
Heliotropine Recryst. C. A. Vac. Dist.						
Heliotropine Disul- fite						

877240133

	TOTAL MANUFACTURE					
	1935	1936	1937	1938	1939	1940

Heptyl Alcohol

Heptyl Iso Butyrate

Hercolyn Oil Dist.

Hexa Hydro Pseudo
Ionone

Hydratropic Aldehyde

Hydrolaurine #2

Hydroxycitronellal
Redistilled

Hydroxycitronellal
Dimethyl Acetal

Hydroxycitronellol

Indol Pure
Distilled

beta Ionone Pure

Irisone alpha

Beta

Bis

Coeur

" Bis

Complete

Crude Alpha VD

Ketone

Pure

Special

Iso Amyl Salicylate

877240134

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Iso Butyl p-Amino Benzoate						
Iso Butyl Benzoate						
Iso Butyl Cinnamate						
Iso Butyl Phenyl Acetate						
Iso Butyl Salicylate						
Iso Eugenol Extra "C" Cpd. Mfg.						
Iso Eugenol Phenyl Acetate						
Iso propyl o-Cresol Crude Dist.						
Iso Propylated o-Cresol fraction						
Iso Propyl Phenol						
Iso Propyl Oenanthyate						
Iso Pulegol Acetate						
Iso Pulegol Purified " " from Citronellal						
Jasmin Absolute						

877240135

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Labdanum Abs. Resin						
Laurine						
L						
Complete						
Cpd.						
Hearts						
L Hearts						
Lavender Spike						
Acetylated						
Lavender Spike Acety- lated Terpeneless						
Lavender Spike Ter- peneless						
Lemon Concentrate						
Calif.						
dewaxed						
Lemon Flavoring Ext.						
Lemon Oil 5 Fold						
Lemon Terpeneless						
Special						
Lilac #7 Reworked						
Lilol						
Linalool Brazilian						
Linalool Extra						
Linalool B E Extra						
Oyapock						

877240136

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Linalool S Extra						
Linalyl Acetate Braz.						
70%						
75%						
87%						
92%						
97%						
99%						
Linalyl Acetate B E						
92%						
Extra						
Linalyl Acetate E						
70%						
85%						
95%						
Linalyl Acetate Japan						
Linalyl Acetate H						
70%						
75%						
90%						
92%						
94%						
97%						
Tech.						
Linalyl Acetate P						
75%						
90%						
Linalyl Acetate P						
Extra 90%						
92%						
95%						
97%						

877240137

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Linalyl Acetate S 92%						
Linalyl Acetate TAG 95%						
Linalyl Benzoate						
Linalyl Butyrate						
Linalyl Formate						
Linalyl Iso Butyrate						
Linalyl Propionate						
Oil Lovage Root Imp. Com.						
Mandarin Terpeneless						
Maraniol						
Melonal						
Menthol C CX						
dl-Menthol						
l-Menthol						
Menthol Crystals USP Recovered						
Menthone						
Menthyl Acetate Special						
Menthyl Anthranilate						

	TOTAL MANUFACTURE					
	1935	1936	1937	1938	1939	1940
Menthyl Salicylate						
Methyl Acetophenone						
Methyl Anisate						
Methyl Anthranilate Extra Technical						
p-Methyl Benzaldehyde						
Methyl Benzoate Special						
Methyl Cinnamate cpd.						
Methyl Coumarin						
Methyl Eugenol						
Methyl Heptenone Pure Fraction						
Methyl Hexyl Ketone						
p-Methyl Hydratropic Aldehyde						
Methyl Hydroquinone Technical						
Methyl Iso Eugenol						
Methyl Methoxy Acetate						
Methyl Phenyl A Acetate						

877240139

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Methyl Phenyl Propionate						
Methyl Vetivenate						
Moskene						
Musk Ambrette						
Musk Ketone						
Musk Tibetene						
Musk Xylol Crude Special						
Musk Zibata						
Myrrh Abs. Resin						
Neantine						
alpha Naphthol Methyl Ether						
Neofolione						
Neryl Acetate						
New Base #3						
New Base WC						
Nutmeg Oil						
Nutmeg Butter Crude						
Oleoresin Nutmeg						

877240140

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Oak Moss Absolute						
Resin						
Green						
Oenanthic Ether						
Octyl Iso Butyrate						
Olibanum A						
Olibanum Abs. Resin						
Opoponax Abs. Resin						
Opoponax Oil						
Oranger Crystals						
Oil Orange Concentrate Extra						
Oil Orange Distilled						
Orange Sesquiterpeneless Bis						
Orange Terpeneless Bis						
New Bis						
#2						
N.P. #2						
from Residue						
" Terpenes						
#20						
#40						
#80						

877240141

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Orris Absolute Resin Reworked						
Orris Concrete						
Patchouli Oil						
Peppermint Oil						
Essence Balsam Peru						
Balsam Peru Abs. Resin						
Petitgrain Rectified " "						
Cold Acetylated Petitgrain Terpeneless						
Phellodendron Oil						
Phenoxy Ethyl Iso Butyrate						
Phenyl Acetaldehyde						
Phenyl Acetic Acid Distilled Pure Rectified						
Phenyl Benzoate						
Phenyl Ethyl Acetate						
Phenyl Ethyl Alcohol Mfg.						

877240142

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Phenyl Ethyl Anthranilate						
Phenyl Ethyl Benzoate						
Phenyl Ethyl Butyrate						
Phenyl Ethyl Formate						
Phenyl Ethyl Iso Butyrate						
Phenyl Ethyl Iso Valerate						
Phenyl Ethyl Phenyl Acetate						
Phenyl Ethyl Propionate						
Phenyl Ethyl Salicylate						
Phenyl Methyl Carbinol						
Phenyl Methyl Carbinyl Acetate						
Phenyl Propyl Acetate						
Alcohol						
Aldehyde						
Cinnamate						
Formate						

877240143

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Pinaacol						
Pinene - alpha beta						
Plantain Leaves Absolute Resin						
Plasticizer P						
Propiophenone						
Protal						
n-Propyl Acetal						
n-Propyl Caproate						
Propylene Glycol Salicylate						
Ps. Raldehyde A Redist.						
Raldehyde A AS 2 AS 3						
Raldehyde D D Complete D Special						
Raldehyde Omega						
Raldehyde 93						
Reagent B-3 Crude Acetylated						

877240144

	TOTAL MANUFACTURE					
	1935	1936	1937	1938	1939	1940
Rhodinol Extra						
RhodinyI Acetate						
RhodinyI Butyrate						
RhodinyI Formate						
RhodinyI Phenyl Acetate						
Rosacetol						
Roseone Extra						
Rotosolve #668						
669						
670						
671						
672						
Safrol KH Spec.						
Sandalwood Oil						
Santalol						
SantalyI Acetate						
SantalyI Phenyl Acetate						
Sassafras Artificial Light Colored						
Sassafras Artificial KH Spec.						

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Screen #5						
Solvodor						
Styrax Absolute Resin Clarified						
Styrax Resin #6 Mfg.						
Styrax Resin #10 White						
Styracine						
Sunburn Preventive #4 6 8						
Tea Bean Absolute Resin						
Terpin						
Terpineol B Beta Extra Hearts Prime Special						
Terpinhydrate						

877240146

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Terpinyl Acetate						
Beta						
Extra						
Prime						
#2						
Terpinyl Propionate						
Tetrahydro Ps.						
Ionone						
Tetrahydro Geraniol						
Tetrahydro Linalool						
T. H. F. Solvent						
Thymol Crystals USP						
Technical						
Balsam Tolu Absolute						
Resin						
Balsam Tolu Clarified						
Tolu Concrete						
Tolyl Acetaldehyde						
Triacetin						
Triethyl Citrate						
Tri-Iso Propyl						
Phenyl Phosphate						
Gum Spirits Turpen-						
tine Redist.						

877240147

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Undecylenic Acid Tech						
Undecylic Acid Pure						
Oleoresin Vanilla						
Vanillin Grindings						
Large Crystal						
Mfg.						
Distilled						
New Process						
Special						
White						
Yellow						
Vanillin XXXX						
N.P. XXXX						
Special XXXX						
White XXXX						
Yellow XXXX						
Vanillin Brut						
Vegetable Wax Al-						
cohols - Crude						
Veratrylaldehyde						
Veratrylaldehyde Bi-						
sulfite Compound						
#1						
#2						
Vetiver Acetate						
Cpd.						
Vetiver Oil						

877240148

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Vetiverol Cpd.						
Vetiver Rectified						
Viridine						
Yara Yara Dist						
Zingerone						

877240149

INTERMEDIATES

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Acetanisol						
Acetic Acid Glacial						
Acetone Purified						
Acetophenol						
Ambrogene						
Ambrol						
Aniline Redistilled						
Anisoin						
Anisol						
Anthranilic Acid						
Benzaldehyde Tech Recov.						
Butanol Dist. Recov.						
tert. Butyl Benzalde- hyde						
tert. Butyl Benzene						
tert. Butyl Chloride						
Butyl Ketone						
Butyl Xylene						
Calcium Malonate						

877240150

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Camphor Oil 1.072						
p-Chlor Phenol reworked						
Chromite Catalyst						
Cinnamon Leaf Redist. Ceylon Comores Madagascar Seychelles						
Citronellal L Crude M						
Clove Brut						
Clove Dust Redist. Leaf " " Stem " " Madagascar						
m-Cresol						
Cumene						
Cyclamen Alcohol						
p-Cymene						
Delachlor						
Delagene						
Desoxy Anisoin						
Dichlor Heptane Dist.						

877240151

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Dowicide #2 Redist.						
Elgene						
Ethyl Monochlor Acetate						
Ethyl Nonoate						
Ethyl Undecylenate (Fin						
F. T.						
Geedan Crystals Redist. Dark						
Heptaldehyde Pure						
Heptine						
Indol Carboxylic Acid						
Ps. Ionone Redist. Technical Hydrogenated						
Ps. Ionone 153						
Iso Propyl Chloride						

877240152

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Iso Pulegol L M						
Iso Pulegol Tech.						
Iso Safrol Dist.						
Lauric Acid Dist.						
Lemongrass Radist.						
Linalool P						
Linalool W for Acetylation						
Malonic Acid						
Menthol 30						
Menthol Crude L Crude T "						
Menthol Mixed Crystals						
Menthol Racemic						
l-Menthol Crude						
Menthyl Benzoate Crude						
l-Menthyl Benzoate						
r-Menthyl Benzoate						

877240153

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Methyl Benzoate M						
Methyl Carbitol (reworked)						
Methyl Nonyl Ketone						
Methyl Undecylenate						
Musk Carbinol Crude						
Nonoic Acid						
Nonylenic Acid						
Orthene						
Phenyl Acetic Acid Crude						
Phenyl Ethyl Acetal						
Piperitone						
Propionic Anhydride						
Pseudo Raldehyde A Tech						
Pseudo Raldehyde D Tech						

877240154

TOTAL MANUFACTURE

	1935	1936	1937	1938	1939	1940
Safrol						
Sassafras Arti- ficial						
Sodium Acetate Anhydrous						
Soap R 12 A						
Solvent Purification Naphtholite Lactol Spirits						
Sulfanilic Acid						
Terpineol for Mfg.						
p-Thymol Crude						
Textile Spirits Purifi						
Undecylenic Acid Pure Dist.						
Valerian Root						
m-Xylene						
p-Xylene Crude						
Xylol Recov.						

877240155

FINISHED MATERIAL

<u>PRODUCT</u>	For Com-	For Manu-	TOTAL MANUFACTURE			
	pounding	facture	1944	1943	1942	1941
	in plant	1945				
Acaciol						
Acetal R						
Acetate C-8						
Acetate C-9						
Acetate C-10						
Acetate C-11						
Acetate C-12						
Acetophenone						
Acetyl Iso Eugenol						
Aconitic Ester						
Adoxal						
Alcohol C-8						
Alcohol C-9						
Alcohol C-10						
Alcohol C-11						
Undecylenic						
Undecylic						
Alcohol C-12						
Aldehyde C-8						
Aldehyde C-9						
Aldehyde C-10						

877240156

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Aldehyde C-11
Undecylenic
Hearts

Aldehyde C-12 Lauric

Aldehyde C-12 MHA
Hearts

Aldehyde C-14
Myristic

Undecalactone

Aldehyde C-16

Aldehyde C-18
Prunolide

Allyl Caproate

Ambreine

Amyl Benzoate

Amyl Cinnamic
Aldehyde

Amyl Phenyl Acetate

Amyl Propionate

Amyl Salicylate Extra

Amyl Salicylate Prime

Anethol N.F.
Redistilled

Angelica Seed Oil

877240157

For Com- For Manu-
pounding feature
in plant

TOTAL PRODUCTION

1945

1944

1943

1942

1941

Anisic Acid (no

Anisic Alcohol

Anisyl Acetate

Anisyl Formate

Aubepine Liquid
N.P.

Aurantiol Pure

Base #3

Bay Oil Terpeneless

Benzoin Siam Abs.

Resin
Special

Benzophenone

Benzyl Acetate

Extra
Hearts
Prime

Benzyl Alcohol

* Purchased
material
included.

"C"
Mfg.
Cpd.
Med.
Perf.
Tech.

Benzyl Benzoate

N.P.

Benzyl Butyrate

877240158

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Benzyl Cinnamate

Benzyl Formate

Benzylidene Acetone
Redist.

Benzyl Iso Amyl Ether

Benzyl Iso Butyrate

Benzyl Iso Eugenol

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate

Benzyl Valerinate

Bergamot Terpeneless

Birch Tar Rectified

Bois de Rose Acetyl.

Bois de Rose Formyl.
Terpeneless

Bois de Rose Terpene-
less

90%

Borneol Large Crystals
Crude "

Tech.

Tech. Recryst.

Crude Bulkcd

Bornyl Acetate Pure

Tech.

877240159

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Bornyl Iso Valerate

Bromosolv

Bromstyrol

Butoxy Safrol

n-Butyl Phenyl
Acetate

Butyrin

Cade Oil Purified

Camphor Oil K H

Cananga Oil Rectified

Cardamon Seed Oil

Carvacrol Crude
Redist.
N.P.
Tech.

" N.P.
" " Bis

Cashew Nut Shell Liq.
Hydrogenated
Solution

Castoreum Abs. Resin
Sol. Resin

Cedarwood Oil Oxidized
Rectified

Cedrol

877240160

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Cedrone Ceylon							
Cedrone J 30							
Cedryl Acetate Crude Dist.							
Cetone Alpha							
Cetyl Alcohol Commercial Fract. Hydrog. G. D. Japan H Recryst. Pure Spec.							
Chlorbutanol Anhyd. Ground Hydrate							
p-Chlor meta Cresol Tech							
p-Chlor m-Xylenol							
p-Chlor Xylenol Sodium Salt							
Cidan #1							
Cidan #2							
Cinnamoin C							
Cinnamic Acid Pure Tech							
Cinnamic Alcohol Prime Pure Styrax Synthe							

877240161

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Cinnamic Aldehyde

Mfg.
Tech.

Cinnamon Leaf Ceylon

Rectified

Terpeneless 95%
98%

Cinnamyl Acetate

Cinnamyl Butyrate

Cinnamyl Cinnamate

Cinnamyl Formate

Cinnamylidene Aceto-
phenone

Cinnamyl Propionate

Cinnamyl Valerinate

Citral Pure

Special

SS

VS

Citronellal

Mfg.
Pure
Tech
Spec.

Citronellol Extra

"

"

from Cit. Oil

Citronellol Soap

Special

M

"-2

877240162

	For Com- pounding	For Manu- facture in plant	1945	Total MANUFACTURE			
				1944	1943	1942	1941
Citro Geraniol							
Citronellyl Acetate							
Citronellyl Butyrate							
Citronellyl Formate							
Citronellyl Iso Butyrate							
Citronellyl Propionate							
Civet Absolute							
Oil Civet Absolute							
Oil Clove Buds Redist.							
Clove Oil Terpene- less 95% 99%							
Clove Oil Light in col							
Compound 207							
208							
1002							
1004							
1007							
1051							
1123							
1159							
Compound 4-3897							
Comptonia Abs. Resin							

877240163

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Constituent #1							
4							
15 .							
Cosmetic Base #1							
Resin Costus							
Essence of Costus							
Coumarin (Coumaru) Mfg.							
Creosol							
Cresol Soap Mixture							
p-Cresyl Acetate							
p-Cresyl Iso Butyrate							
p-Cresyl Methyl Ether							
m-Cresyl Phenyl Acetate							
p-Cresyl Phenyl Acetate							
p-Cresyl Phenyl Oxide							
Cuminic Aldehyde Condense							
beta Cumin Ethyl Alcohol							
Cyclamen Aldehyde Compounding Crude Pure Extra							

877240164

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Cyclo Hexyl Butyrate

Deltyl Extra
Complete
Prime
Refined
Tech.

Derris Concent. #1

2
3
4
5
6
7
8
9
10
11

12

Derris Spray 1

2
3

Dibenzyl Technical

Dibenzyl Ether
Dist.

Dibenzyl Ketone

Dibenzylidene Acetone

Diethyl Phthalate

Dihydro Citronellol

877240165

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Dimethyl Acetophenone

Dimethyl Anthranilate

Diphenyl Oxide
Dow

Ditolyl Methane

Elemol

Ethone

Ethyl Amyl Ketone

Ethyl Anisate

Ethyl Benzoate

Ethyl Cinnamate

Ethyl Laurate

Ethyl Oenanthylate

Ethyl Pelargonate

p-Ethyl Phenol

Ethyl Phenyl Acetate

Ethyl Propionate
Technical

Ethyl Salicylate

Ethyl Spermylate

877240166

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Ethyl Vanillin							
Eugenol Acetate							
Eugenol Bay							
C-95%							
Extra							
"C"							
Mfg.							
Prime (S)							
Mfg.							
U.S.P.							
U. S. P. Leaf							
U.S.P. X							
Fenchyl Anthranilate							
Fenchyl Salicylate							
Balsam Fir Oregon							
Follione							
Furfuryl Acetate							
G-4 ATR Resin							
G 4-40 Pure							
Technical							
G 4-50							
G-4 Crude							
Pure							
Technical							

877240167

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
G-5							
G-11 Crude Powder							
Pure							
N. W. Ref.							
N. W. Ref. 10%							
N. W. Tech.							
Sodium Salt							
Technical							
G-11 Tech. 50%							
Sol. in M.E.K.							
Galbanum Abs. Resin							
Gerallol							
Crude							
Crude Bis							
Extra							
Technical							
Geraniol L (See pg.2,							
PR 3-4							
Prime							
Pure							
Pure M							
Pure for							
Mfg.							
" M							
for Soap							
Special							
Geraniol Acetate Prime							
Geranium Bourbon							
Terpenes							
Geranium Oil							

877240168

	For Com- pounding	For manu- facture in plant	1945	TOTAL MANUFACTURE			
				1944	1943	1942	1941
Geranolene Acetate							
Prime							
Prime L							
Hearts							
cpd.							
Geranolene Double							
Distilled							
Geranyl Acetate							
Cpd.							
Geranyl Acetate Brut							
Geranyl Benzoate							
Geranyl Butyrate							
Geranyl Formate							
Mfg.							
Geranyl Phenyl Acetate							
Geranyl Propionate							
Goldenrod Oil							
Blossoms							
Stems							
Dried							
Oil Hay							
Heliotropine Recryst.							
C.A.							
Vac.Dist.							
Heliotropine Bisul- fite							

877240169

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Heptyl Alcohol

Heptyl Iso Butyrate

Hercolyn Oil Dist.

Hexa Hydro Pseudo
Ionone

Hydratropic Aldehyde

Hydrolaurine #2

Hydroxycitronellal
Redistilled

Hydroxycitronellal
Dimethyl Acetal

Hydroxycitronellol

Indol Pure
Distilled

beta Ionone Pure

Irisone Alpha
Beta
Bis
Coeur
" Bis
Complete
Crude Alpha VD
Ketone
Pure
Special

Iso Amyl Salicylate

877240170

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Iso Butyl p-Amino Benzoate							
Iso Butyl Benzoate							
Iso Butyl Cinnamate							
Iso Butyl Phenyl Acetate							
Iso Butyl Salicylate							
Iso Eugenol Extra "C" Cpd. Mfg.							
Iso Eugenol Phenyl Acetate							
Iso Propyl o-Cresol Crude Dist.							
Iso Propylated o- Cresol fraction							
Iso Propyl Phenol							
Iso Propyl Ceananthylate							
Iso Pulegol Acetate							
Iso Pulegol Purified " " from Citronellal							
Jasmin Absolute							

877240171

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Labdanum Abs. Resin							
Laurine							
L							
Complete							
Cpd.							
Hearts							
L Hearts							
Lavender Spike							
Acetylated							
Lavender Spike Acety- lated Terpeneless							
Lavender Spike Ter- peneless							
Lemon Concentrate							
Calif.							
dewaxed							
Lemon Flavoring Ext.							
Lemon Oil 5 Fold							
Lemon Terpeneless Special							
Lilac #7 Reworked							
Lilol							
Linalool Brazilian							
Linalool Extra							
Linalool B E Extra Oyapock							

877240172

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Linalool S Extra

Linalyl Acetate Braz.

70%
75%
87%
92%
97%
99%

Linalyl Acetate B. E.

92%
Extra

Linalyl Acetate E

70%
85%
95%

Linalyl Acetate Japan

Linalyl Acetate H

70%
75%
90%
92%
94%
97%
Tech.

Linalyl Acetate P

75%
90%

Linalyl Acetate P

Extra 90%
92%
95%
97%

877240173

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Linalyl Acetate S 92%							
Linalyl Acetate TAG 95%							
Linalyl Benzoate							
Linalyl Butyrate							
Linalyl Formate							
Linalyl Iso Butyrate							
Linalyl Propionate							
Oil Lovage Root Imp. Dom.							
Mandarin Terpeneless							
Maraniol							
Melonal							
Menthol C CX							
dl-Menthol							
l-Menthol							
Menthol Crystals USP Recovered							
Menthone							
Menthyl Acetate Special							
Menthyl Anthranilate							

877240174

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
			TOTAL MANUFACTURE				
Menthyl Salicylate							
Methyl Acetophenone							
Methyl Anisate							
Methyl Anthranilate Extra Technical							
p-Methyl Benzaldehyde							
Methyl Benzoate Special							
Methyl Cinnamate Gpd.							
Methyl Coumarin							
Methyl Eugenol							
Methyl Heptenone Pure Fraction							
Methyl Hexyl Ketone							
p-Methyl Hydrotropic Aldehyde							
Methyl Hydroquinone Technical							
Methyl Iso Eugenol							
Methyl Methoxy Acetate							
Methyl Phenyl Acetate							

877240175

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Methyl Phenyl
Propionate

Methyl Vetivenate

Moskene

Musk Ambrette

Musk Ketone

Musk Tibetene

Musk Xylol Crude
Special

Musk Zibata

Myrrh Abs. Resin

Neantine

alpha Naphthol
Methyl Ether

Neofolione

Neryl Acetate

New Base #3

New Base W C

Nutmeg Oil

Nutmeg Butter Crude

Oleoresin Nutmeg

877240176

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Oak Moss Absolute
Resin
Green

Oenanthic Ether

Octyl Iso Butyrate

Olibanum A

Olibanum Abs. Resin

Opoponax Abs. Resin

Opoponax Oil

Oranger Crystals

Oil Orange Concen-
trate Extra

Oil Orange Distilled

Orange Sesqui-
Terpeneless
Bis

Orange Terpeneless

Bis

New Bis

#2

N.P. #2

from Residue

" Terpenes

#20

#40

#80

877240177

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Orris Absolute Resin
Reworked

Orris Concrete

Patchouli Oil

Peppermint Oil

Essence Balsam Peru

Balsam Peru Abs.
Resin

Petitgrain Rectified
cold acetylated
Petitgrain Terpeneless

Phellodendron Oil

Phenoxy Ethyl Iso
Butyrate

Phenyl Acetaldehyde

Phenyl Acetic Acid
Distilled
Pure
Rectified

Phenyl Benzoate

Phenyl Ethyl Acetate

Phenyl Ethyl Alcohol
Mfg.

877240178

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Phenyl Ethyl
Anthranilate

Phenyl Ethyl Benzoate

Phenyl Ethyl Butyrate

Phenyl Ethyl Formate

Phenyl Ethyl Iso
Butyrate

Phenyl Ethyl Iso
Valerate

Phenyl Ethyl Phenyl
Acetate

Phenyl Ethyl
Propionate

Phenyl Ethyl
Salicylate

Phenyl Methyl
Carbinol

Phenyl Methyl
Carbinyl Acetate

Phenyl Propyl
Acetate

Alcohol

Aldehyde

Cinnamate

Formate

877240179

For Com- For Manu-
pounding facture
in plant

1945

TOTAL MANUFACTURE

1944

1943

1942

1941

Pinacol

Pinene - alpha
beta

Plantain Leaves
Absolute Resin

Plasticizer P

Propiophenone

Protal

n-Propyl Acetal

n-Propyl Caproate

Propylene Glycol
Salicylate

Ps. Raldehyde A
Redist.

Raldehyde A
AS 2
AS 3

Raldehyde D
D Complete
D Special

Raldehyde Omega

Raldehyde 93

Reagent B-3 Crude
Acetylated

877240180

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Rhodinol Extra							
Rhodiny1 Acetate							
Rhodiny1 Butyrate							
Rhodiny1 Formate							
Rhodiny1 Phenyl Acetate							
Rosacetol							
Roseone Extra							
Rotosolve #668							
669							
670							
671							
672							
Safrol KH Spec.							
Sandalwood Oil							
Santalol							
Santaly1 Acetate							
Santaly1 Phenyl Acetate							
Sassafras Artificial Light Colored							
Sassafras Artificial KH Spec.							

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Screen #5							
Solvodor							
Styrax Absolute Resin Clarified							
Styrax Resin #6 Mfg.							
Styrax Resin #10 White							
Styracine							
Sunburn Preventive #4 6 8							
Tea Bean Absolute Resin							
Terpin							
Terpineol B Beta Extra Hearts Prime Special							
Terpinhydrate							

877240182

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
	TOTAL MANUFACTURE						
Terpinyl Acetate							
Beta							
Extra							
Prime							
#2							
Terpinyl Propionate							
Tetrahydro Ps.							
Ionone							
Tetrahydro Geraniol							
Tetrahydro Linalool							
T.H.F. Solvent							
Thymol Crystals USP							
Technical							
Balsam Tolu Absolute							
Resin							
Balsam Tolu Clarified							
Tolu Concrete							
Tolyl Acetaldehyde							
Triacetin							
Triethyl Citrate							
Tri Iso Propyl							
Phenyl Phosphate							
Gum Spirits Turpen-							
tine Redist.							

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
	TOTAL MANUFACTURE						
Undecylenic Acid Tech							
Undecylic Acid Pure							
Oleoresin Vanilla							
Vanillin Grindings							
Large Crystal							
Mfg.							
Distilled							
New Process							
Special							
White							
Yellow							
Vanillin XXXX							
N.P. XXXX							
Special XXXX							
White XXXX							
Yellow XXXX							
Vanillin Brut							
Vegetable Wax Al- cohols - Crude							
Veratrylaldehyde							
Veratrylaldehyde Bi- sulfite Compound							
#1							
#2							
Vetiver Acetate							
Cpd.							
Vetiver Oil							

877240184

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Vetiverol cpd.							
Vetiver Rectified							
Viridine							
Yara Yara Dist.							
Zingerone							

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Acetanisol

Acetic Acid Glacial

Acetone Purified

Acetophenol

Ambrogene

Ambrol

Aniline Redistilled

Anisoin

Anisol

Anthranilic Acid

Benzaldehyde Tech.
Recov.

Butanol Dist. Recov.

tert. Butyl Benzalde-
hyde

tert. Butyl Benzene

tert. Butyl Chloride

Butyl Ketone

Butyl Xylene

Calcium Malonate

877240186

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
	TOTAL MANUFACTURE						
Camphor Oil 1.072							
p-Chlor Phenol reworked							
Chromite Catalyst							
Cinnamon Leaf Redist. Ceylon Comores Madagascar Seychelles							
Citronellal L Crude M							
Clove Brut							
Clove Dust Redist. Leaf " Stem " Madagascar							
m-Cresol							
Cumene							
Cyclamen Alcohol							
p-Cymene							
Delachlor							
Delagene							
Desoxy Anisoin							
Dichlor Heptane Dist.							

877240187

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Dowicide #2 Redist.							
Elgene							
Ethyl Monochlor Acetate							
Ethyl Nonoate							
Ethyl Undecylenate (F							
F. T.							
Geedan Crystals Redist. Dark							
Heptaldehyde Pure							
Heptine							
Indol Carboxylic Acid							
Ps. Ionone Redist. Technical Hydrogenate							
Ps. Ionone 153							
Iso Propyl Chloride							

877240188

	For Com- pounding	For Manu- facture in plant	1945	1944	1943	1942	1941
Iso Pulegol L M							
Iso Pulegol Tech.							
Iso Saffrol Dist.							
Lauric Acid Dist.							
Lemongrass Redist.							
Linalool P							
Linalool W for Acetylation							
Malonic Acid (* includ me							
Menthol 30							
Menthol Crude L Crude T "							
Menthol Mixed Crystals							
Menthol Racemic							
l-Menthol Crude							
Menthyl Benzoate Crude							
l-Menthyl Benzoate							
r-Menthyl Benzoate							

877240189

For Com- For Manu-
pounding facture
in plant

TOTAL MANUFACTURE

1945

1944

1943

1942

1941

Methyl Benzoate M

Methyl Carbitol
(reworked)

Methyl Nonyl Ketone

Methyl Undecylenate

Musk Carbinol Crude

Nonoic Acid

Nonylenic Acid

Orthene

Phenyl Acetic Acid
Crude

Phenyl Ethyl Acetal

Piperitone

Propionic Anhydride

Pseudo Raldehyde A
Tech.

Pseudo Raldehyde D
Tech.

877240190

	U. For Com- pounding	For Manu- facture in plant	TOTAL MANUFACTURE				
			1945	1944	1943	1942	1941
Safrol							
Sassafras Arti- ficial							
Sodium Acetate Anhydrous							
Soap R 12 A							
Solvent Purification Naphtholite Lactol Spirits							
Sulfanilic Acid							
Terpineol for Mfg.							
p-Thymol Crude							
Textile Spirits Purified							
Undecylenic Acid Pure Dist.							
Valerian Root							
m-Xylene							
p-Xylene Crude							
Xylol Recov.							

877240191

FINISHED MATERIAL

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Acac1ol							
Acetal R							
Acetate C-8							
Acetate C-9							
Acetate C-10							
Acetate C-11							
Acetate C-12							
Acetophenone							
Acetyl Iso Eugenol							
Aconitic Ester							
Adoxal							
Alcohol C-8							
Alcohol C-9							
Alcohol C-10							
Alcohol C-11							
Undecylenic							
Undecylic							
Alcohol C-12							
Aldehyde C-8							
N.P.							
Aldehyde C-9							
#568 lbs. not incl							

877240192

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Aldehyde C-10							
N.P.							
Aldehyde C-11							
Undecylenic							
Hearts							
Aldehyde C-12 Lauric							
N.P.							
Aldehyde C-12 MNA							
Hea							
Aldehyde C-14							
Myristic							
Undecalactone							
Aldehyde C-16							
Aldehyde C-18							
Prunolide							
Allyl Caproate							
Ambral							
Ambreine							
No. 2							
Amyl Benzoate							
Amyl Cinnamic Aldehyd							
Frim							
Amyl Formate							

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Amyl Phenyl Acetate							
Amyl Propionate							
Amyl Salicylate Extra Redist. Purch. Mat.							
Amyl Salicylate Prime N.P. Redist. Purch. Mat.							
Anethol N.F. Extra 21° Redistilled							
Angelica Seed Oil							
Anisic Acid							
Anisic Alcohol							
Anisyl Acetate							
Anisyl Formate							
Aubepine Liquid N.P. #2							
Aurantiol							
Base #3							
Bay Oil Terpeneless							

877240194

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Benzoin Siam Abs.							
Resin							
50%							
Special							
Benzoin Sumatra							
Benzophenone							
Benzyl Acetate							
Extra							
Hearts							
Prime							
Purissime							
"C"							
Benzyl Alcohol							
"C"							
Mfg.							
Cpd.							
Med.							
N.F.							
Perf.							
Benzyl Benzoate							
N P							
Benzyl Butyrate							
Benzyl Cinnamate							
Benzyl Formate							
Benzylidene Acetone							
Redist.							
Benzyl Iso Amyl Ether							

877240195

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Benzyl Iso Butyrate							
Benzyl Iso Eugenol							
Benzyl Iso Valerate							
Benzyl Laurate							
Benzyl Phenyl Acetate							
Benzyl Propionate							
Benzyl Salicylate							
Benzyl Valerinate							
Bergamot Terpeneless							
Birchtar Rectified							
Bis (2-Hydroxy-5- chloro Phenyl) Sulf							
Bois de Rose Acetyl.							
Bois de Rose Formyl. Terpeneless							
Bois de Rose Terpene- less							
			90%				
Borneol Large Crystal							
Crude							
Tech.							
Tech. Recryst							
Crude Bulkcd							

877240196

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

Bornyl Acetate Pure
Tech.

Bornyl Formate

Bornyl Iso Valerate

p-Bromo Benzophenone

Bromosolv

Bromstyrol

Butoxy Safrole

n-Butyl Benzyl Ketone

n-Butyl Phenyl Acetate

Butyrol

Cade Oil Purified

Camphor Oil KH

Cananga Oil Rectified

Cardamon Seed Oil

Carvacrol Crude
Redist.

N P

Tech.

" N P

" " Bis

877240197

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Benzyl Iso Butyrate							
Benzyl Iso Eugenol							
Benzyl Iso Valerate							
Benzyl Laurate							
Benzyl Phenyl Acetate							
Benzyl Propionate							
Benzyl Salicylate							
Benzyl Valerinate							
Bergamot Terpeneless							
Birchtar Rectified							
Bis (2-Hydroxy-5- chloro Phenyl) Sulf							
Bois de Rose Acetyl.							
Bois de Rose Formyl. Terpeneless							
Bois de Rose Terpene- less							
			90%				
Borneol Large Crystal							
Crude							
Tech.							
Tech. Recryst							
Crude Bulkcd							

877240196

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

Bornyl Acetate Pure
Tech.

Bornyl Formate

Bornyl Iso Valerate

p-Bromo Benzophenone

Bromosolv

Bromstyrol

Butoxy Safrole

n-Butyl Benzyl Ketone

n-Butyl Phenyl Acetate

Butyrol

Cade Oil Purified

Camphor Oil KH

Cananga Oil Rectified

Cardamon Seed Oil

Carvacrol Crude
Redist.

N P

Tech.

" N P

" " Bis

877240197

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
--	----------------------	----------------------------------	------	------	------	------	------

Cashew Nut Shell Liq.
Hydrogenated
Solution

Castoreum Abs. Resin
Sol. Resin

Cedarwood Oil Oxidized
Rectified

Cedrol

Cedrene Ceylon

Cedrene J 30

Cedryl Acetate Crude
Dist.

Cetone alpha

Cetone V

Cetyl Alcohol
Commercial
Fract. Hydrog.
G.D.
Japan
H
Recryst.
Pure
Pure D
Pure NP
Prime
Spec.

Chlorbutanol Anhyd.
Ground
Hydrate

877240198

For Com- pounding	For Manu- facture in plant
----------------------	----------------------------------

1950

1949

1948

1947

1946

p-Chlor meta Cresol
Tech.

p-Chlor-m-Xylenol

p-Chlor Xylenol
Sodium Salt

Cidan #1

Cidan #2

Cinnamein C

Cinnamic Acid Pure
Tech.

Cinnamic Alcohol
Prime
Pure
Styrax
Synthetic

Cinnamic Aldehyde
Mfg.
Tech

Cinnamon Leaf Ceylon
Rectified
Terpeneless 95%
98%

Cinnamyl Acetate

Cinnamyl Butyrate

Cinnamyl Cinnamate

Cinnamyl Formate

877240199

For Com- For Manu-
pounding facture
in plant

1950

1949

1948

1947

1946

Cinnamylidene Aceto-
phenone

Cinnamyl Iso Valerate

Cinnamyl Propionate

Cinnamyl Valerinate

Citral Pure
Special
SS
VS

Citronellal
Mfg. (See
Pure
Tech.
Spec.)

Citronellol Extra
" "

from Cit. Oil
Citronellol Soap
Special
" L
M
M-2

Citro Geraniol

Citronellyl Acetate

Citronellyl Butyrate

Citronellyl Formate

Citronellyl Iso
Butyrate

877240200

For Com- pounding	For Manu- facture in plant
----------------------	----------------------------------

1950

1949

1948

1947

1946

Citronellyl Propiona

Civet Absolute

Oil Civet Absolute

Oil Clove Buds
Redist.

Clove Oil Terpene-
less 95%
99%

Clove Oil Light in
Color

Compound Ester #1

Compound 13
19
20
30
30a
31
71
74
121
121a
207
208
218
1002
1004
1007
1051
1123
1159

877240201

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Compound E-2977	50%						
E-3038	50%						
E-3038	Pure						
Compound 4-3897							
Comptonia Abs. Resin							
Constituent #1							
4							
15							
Cosmetic Base #1							
Resin Costus							
Essence of Costus							
Coumarin (Coumaru)							
Mfg.							
Cresol							
Cresol Soap Mixture							
p-Cresyl Acetate							
N.F.							
p-Cresyl Iso Butyrate							
p-Cresyl Methyl Ether							
m-Cresyl Phenyl Aceta							
p-Cresyl Phenyl Aceta							
p-Cresyl Phenyl Oxide							

877240202

15.

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

Cuminic Aldehyde
Condensed

beta Cumin Ethyl
Alcohol

Cyclamen Aldehyde
Compounding
Crude
Pure
Extra
92%

Cyclohexyl Acetic Acid

Cyranthol

Cyclo Hexyl Butyrate

Deltyl Extra
Complete
Prime
Refined
Tech.
Ex.-N.P.

Derris Concent. #1

2
3
4
5
6
7
8
9
10
11
12

877240203

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Derris Spray	1						
	2						
	3						
Dibenzylamino Ethanol Hydrochloride							
Dibenzyl Ketone Pure							
Dibenzyl Technical							
Dibenzyl Ether Dist.							
Dibenzylidene Acetone							
Diethyl Phthalate							
Dihydro Citronellol							
Dimethyl Acetophenone							
Dimethyl Anthranilate Tech.							
Diphenyl Oxide Dow							
Ditolyl Methane							
Elemol							
Ethone							
Ethyl Amyl Ketone							

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Ethyl Anisate							
Ethyl Benzoate							
Ethyl Cinnamate							
Ethyl Laurate							
Ethyl Oenanthylate							
Ethyl Pelargonate							
p-Ethyl Phenol							
Ethyl Phenyl Acetate Prime							
Ethyl Propionate Tech.							
Ethyl Salicylate							
Ethyl Spermylate							
Ethyl Vanillin							
Eugenol Acetate							
Eugenol Bay							
C-95%							
Extra "C"							

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

Eugenol Prime
Mfg.

U.S.P.
U.S.P. Leaf
U.S.P. X

Fenchyl Anthranilate

Fenchyl Salicylate

Balsam Fir Canada
Oleoresin

Balsam Fir Oregon

Foenugreek Seed
(Ground)

Folione

Furfural Distilled

Furfuryl Acetate

G-4 ATR Resin

G 4-40 Pure
Technical

G 4-50

G-4 Crude
Pure
Technical
Fine Grind

877240206

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

G-5

G-11 Crude Powder
Pure

N.P.
N.W. Ref.
N.W. Ref. 10%
N.W. Tech.
Sodium Salt
Special
Technical
N.P.

G-11 Tech. 50%
Sol. in M.E.K.

Galbanum Abs. Resin

Gerallol
Crude
His

Gerallol Extra
Tech.

Geraniol L
PR 3-4
Prime
Prime M
Pure
Pure M
Pure for
Mfg.
" M
P & G
for Soap
M " "
Special
for Rose Base
#2332

877240207

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Geraniol Acetate Prime							
Geranium Acetate							
Geranium Bourbon Terpenes							
Geranium Oil							
Geranolene Acetate							
Prime							
Prime L							
Hearts							
Cpd.							
Rose Base							
Geranolene Double Distilled							
Geranyl Acetate							
Cpd.							
A-1 Tech.							
Geranyl Acetate Brut							
Geranyl Benzoate							
Geranyl Butyrate							
Geranyl Formate							
Mfg.							
Geranyl Phenyl Acetate							
Geranyl Propionate							
Goldenrod Oil							
Blossoms							
Stems							
Dried							

877240208

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Oil Hay							
Heliotropin Cryst.							
Recryst.							
C.A.							
Vac. Dist.							
Heliotropin Bisulfite							
Heptyl Alcohol							
Heptyl Iso Butyrate							
Hercolyn Oil Dist.							
Hexa Hydro Pseudo Ionone							
Hydratropic Aldehyde							
Hydrolaurine #2							
Hydroxycitronellal Redistilled							
Hydroxycitronellal Dimethyl Acetal							
Hydroxycitronellol							
Indole N P							
Pure							
Distilled							
Tech.							
Tech. Dist.							

877240209

	For Com- pounding	For Manufac- ture in plant	1950	1949	1948	1947	1946
Irisone Alpha							
Alpha Extra							
Alpha N.P.							
Beta							
Beta Pure							
Beta V.P.							
Bis							
Bis Spec.							
Coeur							
" Bis							
Complete							
Crude Alpha VD							
Ketone							
N.P.							
Pure							
" Spec.							
Savon							
Special							
Iso Butyl p-Amino Benzoate							
Iso Butyl Benzoate							
Iso Butyl Cinnamate							
Iso Butyl Phenyl Acetate							
Iso Butyl Salicylate							
Iso Eugenol Bay							
Iso Eugenol Extra							
"C"							
Cpd.							
Mfg.							
Spec.							

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Iso Eugenol Phenyl Acetate							
Iso Propyl-o-Cresol Crude Dist.							
Iso Propylated o- Cresol Fractions							
Iso Propyl Phenol							
Iso Propyl Ceananthylate							
Iso Pulegol Acetate							
Iso Pulegol Purified " " from Citronellal (See Intermediates)							
Jasmin Absolute							
Jasmonyl							
Labdamum Abs. Resin							
Laurine							
L							
BB							
Complete							
Cpd.							
Extra							
Hearts							
L Hearts							

877240211

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Lavandin Acetylated Terpeneless							
Lavender Spike Acetylated							
Lavender Spike Acety- lated Terpeneless							
Lavender Spike Terpeneless							
Lemon Concentrate Calif. dewaxed							
Oil Lemon Five Fold Calif.							
Lemon Flavoring Ext.							
Lemon Terpeneless Special							
Lilac #7 reworked							
Lilial Mfg. Pure							
Lilol							
Oil Limes Five Fold							
Linalool Brazilian							

6

877240213

For Com-
pounding

For Manu-
facture
in plant

1950

1949

1948

1947

1946

Linalyl Acetate L

85%

92%

Linalyl Acetate P

75%

90%

Extra 90%

92%

95%

97%

Linalyl Acetate S

92%

Linalyl Acetate TAC

95%

Linalyl Acetate W

Extra 92%

Linalyl Benzoate

Linalyl Butyrate

Linalyl Formate

Linalyl Iso Butyrate

Linalyl Propionate

Oil Lovage Root Imp.
Dom.

Mandarin Terpeneloss

Maraniol

877240214

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Mate Absolute Resin							
Melonal							
Menthol C							
CF							
CX							
dl-Menthol							
Extra							
l-Menthol							
Menthol Crystals USP							
Recovered							
Menthone							
C							
Menthyl Acetate							
Special							
Menthyl Anthranilate							
Tech.							
Menthyl Salicylate							
Methyl Acetophenone							
Methyl Anisate							
Methyl Anthranilate							
Extra							
Technical							
p-Methyl Benzaldehyde							

877240215

45.

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Methyl Benzoate Extra Special							
Methyl Cinnamate Cpd.							
alpha Methyl Cinnamic Aldehyde							
Methyl Coumarin							
Methyl Eugenol Mfg.							
Methyl Heptenone Pure Fraction Synthetic Tech.							
Methyl Hexyl Ketone							
p-Methyl Hydratropic Aldehyde							
Methyl Hydroquinone Technical							
alpha Methyl Ionone D							
Methyl Iso Eugenol							
Methyl Laurate Technical							
Methyl Methoxy Acetate							

877240216

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

Methyl Myristate

Methyl Phenyl
Acetate
Prime

Methyl Phenyl
Propionate

Methyl alpha normal
Propyl Cinnamate

Methyl Vetivenate

Moskene

Moussol

Musk Ambrette

Musk Ketone

Musk Tibetene

Musk Xylol Crude
Special
Tech.

Musk Zibata

Myrrh Abs. Resin

Chemical NDA

Neantins

877240217

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
alpha Naphthol Methyl Ether							
Neofolione							
Neryl Acetate							
New Base #3							
New Base W C							
Nutmeg Oil							
Oleoresin Nutmeg							
Oakmoss Abs. Resin Green							
Oenanthic Ether							
Octyl Iso Butyrate							
p-tert-Octyl Phenol Sulfonate							
Olibanum A							
Olibanum Abs. Resin							
Opoponax Abs. Resin							
Opoponax Oil							
Oranger Crystals							
Oil Orange Concen- trate Extra							

877240218

For Com-
pounding

For Manu-
facture
in plant

1950

1949

1948

1947

1946

11

Oil Orange Distilled

Oil Orange Five Fold

African
Calif.
Florida

Oil Orange Bitter

Five Fold
Ten Fold

Orange Sesqui-
terpeneless

Bis

Orange Terpeneless

Bis

New Bis

#2

N.P. #2

Orange Terpeneless

from Residue

" Terpenes

#20

#40

#80

Orris Abs. Resin

Reworked

Orris Concrete

P C 3

Patchouli Oil

877240219

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Peppermint Oil							
Essence Balsam Peru							
Balsam Peru Abs. Resin							
Petitgrain Rectified " " cold acetylated							
Petitgrain Terpene- less							
Phellondendron Oil							
Phenoxy Ethyl Iso Butyrate							
Phenyl Acetaldehyde N.P. W							
Phenyl Acetamido- Ethanol Crude							
Phenyl Acetic Acid Distilled Pure Rectified							
Phenyl Benzoate							
Phenyl Ethyl Acetate							

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Phenyl Ethyl Alcohol Extra Fine Mfg.							
Phenyl Ethyl Anthran- ilate							
Phenyl Ethyl Benzoate							
Phenyl Ethyl Butyrate							
Phenyl Ethyl Cinnamate							
Phenyl Ethyl Formate							
Phenyl Ethyl Iso Butyrate							
Phenyl Ethyl Iso Valerate							
Phenyl Ethyl Phenyl Acetate							
Phenyl Ethyl Propionate							
Phenyl Ethyl Salicylate							
Phenyl Methyl Carbinol							
Phenyl Methyl Car- bonyl Acetate							
Phenyl Propyl Acetate							

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Phenyl Propyl Alcohol							
Aldehyde							
Cinnamate							
Formate							
Pinacol							
Pinene - alpha beta							
Plantain Leaves Absolute Resin							
Plasticizer P							
Propiophenone							
Protal							
n-Propyl Acetal							
n-Propyl Caproate							
Propylene Glycol Salicylate							
Pyrolysate #A-1993							
Pyrolysate Ester							
Racemic Acid							

877240222

22.

For Com-
pounding For Manu-
facture
in plant

1950

1949

1948

1947

1946

Racemic Ester

ps. Raldehyde A
Redist.

Raldehyde A
AS 2
AS 3

Raldehyde D
D Complete
D Special
D Prime

Raldehyde Omega

Raldehyde 93

Reagent B-3. Crude
Acetylated

Rhodinol Extra

Rhodinol Extra C

Rhodinyl Acetate

Rhodinyl Butyrate

Rhodinyl Formate

Rhodinyl Phenyl
Acetate

Rosacetol

Roseone Extra

For Com- pounding	For Manu- facture in plant
----------------------	----------------------------------

1950

1949

1948

1947

1946

Rotosolv #668
669
670
671
672

Safrole KH Spec.

Sandalwood Oil

Santalol

Santalyl Acetate

Santalyl Phenyl
Acetate

Sassafras Artificial
Light Colored

Sassafras Artificial
KH
Spec.

Screen #5

Satol

Solvodor

Stabilizer
(Carvacrol)

877240224

For Com-
pounding For Manu-
 facture
 in plant

1950

1949

1948

1947

1946

Stabilizer #1

5-K
EI 6
6-K
8-A
9
9-A from
Thymol
9-A DIP
9-A MIP
Carvacrol
9-A DIP
Thymol
9-A MIP
Thymol
10 Pure
D-12
D-12 Grude
18-C Dist.
18-C Tech.
20-C
S-22

Stearoptene

Sytrax Abs. Resin
Clarified

Styrax Resin #6
Mfg.

Styrax Resin #10
White

Styracine

Sunburn Preventive #1
6
8

877240225

32.

For Com- pounding	For Manu- facture in plant
----------------------	----------------------------------

1950

1949

1948

1947

1946

Styrene Oxide

Oil Tagette Torpene-
less

Tea Bean Abs. Resin

Terpin

Terpineol B

Beta
Extra
Hearts
Prime
#2
Special

Terpinhydrate

Terpinyl Acetate

Beta
Extra
Prime
#2

Terpinyl Propionate

Tetrahydro ps.
Ionone

Tetrahydro Geraniol

Tetrahydro Linalool

T.H.F. Solvent

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Thymol USP							
Fine Cryst. Tech.							
USP Recryst.							
Balsam Tolu Abs.							
Resin							
Clarified							
Tolu Concrete							
Tolyl Acetaldehyde							
p-Tolyl Acetic Acid							
Triacetin							
Trichlor Phenyl Acetate							
Triethyl Citrate							
Tri-Iso Propyl Phenyl Phosphate							
Gum Spirits Turpen- tine Redist.							
Undecylic Acid							
Valerian Root (Ground)							
n-Valeric Acid							

877240227

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Oleoresin Vanilla Tahiti							
Vanillin Grindings							
Large Crystals							
Mfg.							
Distilled							
New Process							
Special							
U.S.P.							
White							
Comp.							
Yellow							
Vanillin XXXX							
N.P. XXXX							
Spec. XXXX							
White XXXX							
Yellow XXXX							
Vanillin Brut							
Vegetables Wax Al- cohols - Crude							
Veratrylaldehyde							
Veratrylaldehyde Bi- sulfite Compound #1 #2							
Vetiver Acetate							
Vetiver Oil Distilled							
Vetiverol Cpd.							

30.

For Com- pounding	For Manu- facture in plant
----------------------	----------------------------------

1950

1949

1948

1947

1946

Vetiver Rectified
Bourbon
Special

Viridine

Yara Yara
Dist.

877240229

INTERMEDIATES

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Acetanisol							
Acetic Acid Glacial							
Acetophenol							
Aldehyde C-16 Crude							
Allyl Acetone							
Ambrogene							
N.P.							
N.P. #2							
Ambrol							
Aniline Redistilled							
Anisoin							
Anisol							
Anthranilic Acid							
 Benzaldehyde Tech. Recov.							
 Benzyl Alcohol Tech.							
 Bois de Rose Braz. Redist.							
 Butanol Dist. Recov.							
 Tert. Butyl Benzaldeh							

877240230

PRODUCT	2.		1950	1949	1948	1947	1946
	For Com- pounding	For Manu- facture in plant					
tert. Butyl Benzene							
tert. Butyl Chloride							
Butyl Ketone							
Butyl Xylene							
Calcium Malonate							
Camphor Oil 1.072							
Caprylene							
Cedrol Fractions Crystals							
ps. Cetone V							
p-Chlor Phenol Reworked							
Chromite Catalyst							
Cinnamon Leaf Redist. Ceylon Comores Madagascar Seychelles							
Citronellal L M							
Clove Brut							

877240231

3. INTERMEDIATES

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
--	----------------------	----------------------------------	------	------	------	------	------

Clove Dust Redist.
Leaf
Stem
Madagascar

m-Cresol

Cumene

Cyclamen Alcohol

p-Cymene

Dehydro Cyclamen
Aldehyde

Delachlor

Delagene

Desoxy Anisoin

Dibutyl Ambrol

Dichlor Heptane
Dist.

Dowicide #2
Redist.

Elgene

Ethyl Monochlor
Acetate

877240232

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
--	----------------------	----------------------------------	------	------	------	------	------

Ethyl Nonoate

Ethyl Undecylenate

Eugenol for Mfg.

F.T.

Geedan Crystals
Redist.
Dark

Heptaldehyde

Heptine

Indole Carboxylic
Acid

Pseudo Ionone
Redist.
Hydrog.
Spec.
Tech.

ps. Ionone 153

Iso Amyl Ether

Iso Butyl Cyclo-
hexyl Acetate Crude

877240233

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Iso Butyl Un- decylenate							
Iso Menthol C-20							
Iso Propyl Chloride							
Iso Pulegol L							
M							
M N.P.							
M N.P. Ex							
M Extra							
Iso Safrole							
Dist.							
Redist.							
Iso Valeric Aldehyde							
Lauric Acid Dist.							
Lemongrass Redist.							
Linalool P							
Linalool W for Acetylation							
Malonic Acid							
Menthol 20							
30							

877240234

INTERMEDIATES

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Menthol Crude							
L Crude							
T Crude							
Menthol C-20							
Menthol Mixed Crystals							
Menthol Racemic							
l-Menthol Crude							
l-Menthyl Benzoate							
r-Menthyl Benzoate							
Methyl Anthranilic Acid							
Methyl Benzoate M							
Methyl Carbitol (Reworked)							
Methyl Nonyl Ketone							
Methyl Undecylenate							
Musk Carbinol							
Nonoic Acid							
Nonylenic Acid							
Orthene							

877240235

(* INTERMEDIATES

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
Phenyl Acetic Acid Crude							
Phenyl Ethyl Acetal							
Piperitone							
Propionic Anhydride							
Ps. Raldehyde A Tech.							
Ps. Raldehyde D Tech.							
Safrole Dist.							
Sassafras Arti- ficial Braz.							
Sodium Acetate Anhydrous							
Soap R 12 A							
Solvent Purification Naphtholite Lactol Spirits							
Styrene Chlorhydrin Crude							
Sulfanilic Acid							

877240236

	For Com- pounding	For Manu- facture in plant	1950	1949	1948	1947	1946
--	----------------------	----------------------------------	------	------	------	------	------

Terpineol for Mfg.

1,2,4,5-Tetrachlor
Benzene

p-Thymol Crude

Textile Spirits
Purified

Trichlor Phenol

Trisodium Phosphate
10%

Undecylenic Acid
Dist.
Pure
Tech.

Valerian Root

m-Xylene
Purified

p-Xylene Crude
Tech.

p-Xylene

Xylol Recov.

877240237

CRUDE, DISTILLED and TECHNICAL MATERIAL

1950

1949

1948

1947

Acetophenone Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Anisic Acid Technical

Aubepine NP Crude

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N P Crude

Bornyl Acetate F Crude

Butyl Xylene Crude

Cedryl Acetate Crude

Cetyl Alcohol Crude

Cetyl Alcohol Crude D

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

Citronellal L Crude

877240238

2. CRUDE, DISTILLED, and TECHNICAL MATERIAL

1950 1949 1948 1947

Dehydro Lillial

Deltyl Crude

Deltyl Distilled

Dibutyl Ambrol Technical

Dichlor Heptane Crude

Elgene Crude

Ethyl Monochlor Acetate Crude

Ethyl Phenyl Acetate Crude

Geraniol Crude

Geraniol Prime Crude

Geraniol Prime M Crude

Geraniol Pure Crude

Geraniol Pure M Crude

Geranolene Acetate Prime L
Crude

Heliotropin Crude

Heliotropin Distilled

Ps. Ionone Crude

877240239

3. CRUDE, DISTILLED and TECHNICAL MATERIAL

1950 1949 1948 1947

Irisone Alpha Crude
Beta

Irisone Crude Alpha S D

Irisone N P Crude

Irisone Pure Crude

Iso Butyl Phenyl Acetate
Crude

Iso Propyl Palmitate Crude

Iso Propyl Palmitate Distill

Laurine Crude

Linalool Brazilian Crude

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crude

Linalyl Acetate TAC Crude

Menthyl Benzoate Crude

Methyl Acetophenone Crude

Methyl Coumarin Distilled

Methyl Phenyl Acetate Crude

Oranger Crude

Oranger Distilled

877240240

4. CRUDE, DISTILLED and TECHNICAL MATERIAL

1950 1949 1948 1947

Phenyl Acetaldehyde Crude

Phenyl Ethyl Alcohol Crude

Ps. Raldehyde A Crude

Raldehyde A Crude
Tech.

Ps. Raldehyde D Crude

Raldehyde D Crude

Raldehyde D Complete Crude

Raldehyde Omega Crude

Stabilizer E I #6 Crude

Terpinyl Acetate Extra Crude

Terpinyl Acetate Prime Crude

Terpinyl Propionate Crude

Thymol Crude

Vanillin Crude

Vanillin Distilled

Vetiver Acetate Crude

Yara Yara Crude

Yara Yara Distilled

877240241

FINISHED MATERIAL 1951

8

Acetate C-8

Acetate C-9

Acetoacetic Ester
Propylene Ketal

Acetophenone Extra

Acetyl Iso Eugenol

Adoxal

Alcohol C-8

Alcohol C-11 Undecylenic

Alcohol C-12 Lauric

Aldehyde C-8

Aldehyde C-9

Aldehyde C-10

Aldehyde C-11
Undecylenic

Aldehyde C-12 Lauric

Aldehyde C-12 M.N.A.

Aldehyde C-14 Pure

Aldehyde C-16 Pure

Aldehyde C-18
Prunolide

877240242

Ambreine No. 2

Amyl Benzoate

Amyl Cinnamic Aldehyde
Prime

Amyl Formate

Amyl Phenyl Acetate

Amyl Salicylate Extra
Prime

Anethole N.F.
Extra

Anisole

Anisyl Acetate

Anisyl Alcohol

Aubepine Liquid
N.F.

Aurantiol Pure

Benzal Glyceryl Acetal

Benzoin Absolute Resin

Benzophenone

Benzyl Acetate
"C"

Extra
Hearts
Prime

Benzyl Alcohol

E.K. }
N.F. }
Mfg.
Perf.
Tech.

Benzyl Benzoate N.P.

Benzyl Cinnamate

• Benzyl Iso Amyl Ether

Benzyl Iso Valerate

Benzyl Propionate

Benzyl Salicylate

Bergamot Terpeneless

• Birchtar Rectified

Bois de Rose Terpeneless

• Borneol Pure Large
Crystals

n-Butyl Benzyl Ketone

877240244

oleoresin Capsicum

Carvacrol Tech. N.P.

Cedarwood Rectified

Cedryl Acetate Crude
Dist.

Cetone alpha

Cetyl Alcohol Pure

Chlorbutanol Anhydrous

Cinnamic Alcohol Prime
Pure
Styrax

Cinnamic Aldehyde }
Mfg. }

Cinnamyl Iso Valerate

Cinnamyl Propionate

Citral SS

Citronellol Extra
Special

Citronellyl Butyrate

Citronellyl Formate

Citronellyl Propionate

877240245

Civet Absolute

Compound 19
20
30
74
1010
1051
1186

Compound E-3038 Int.

Compound Ester #1

Constituent #1
4
15

p-Cresol Purified

p-Cresyl Acetate N.P.

p-Cresyl Iso Butyrate

p-Cresyl Methyl Ether

m-Cresyl Phenyl Acetate

p-Cresyl Phenyl Acetate

Cuminic Aldehyde

Cyclamen Aldehyde

Spec.
Extra
90-92

877240246

0.

Cyclohexyl Acetic
Acid

Cyclohexyl Propionyl
Anthranilate

-Deltyl Extra
N.P.

Deltyl No. 2

Dibenzyl Ketone
(Reworked)

Dihydro Citronellol

Dimethyl Anthranilate

Ethyl Amyl Ketone

Eugenol Prime U.S.P.

G 4-40

G-4 Technical
Fine Grind }
Pure

G-5 Crude
Tech.

G-11 1.

2.

877240247

Gerallol Extra

Geraniol PR 3-4

Pure M

M #2332

Pure N

N #2332

(N=Norda)

Pure M P & G

Pure N P & G

N for Soap

Geranolene Acetate

Prime M Crude

Geranolene Acetate Prim

Geranyl Acetate Prime

M Crude

Geranyl Acetate Pure

Geranyl Benzoate

Geranyl Phenyl Acetate

Geranyl Propionate

Heliotropin Cryst.

Recryst.

Heliotropin Bisulfite

Indole N.P.
Tech.

Irisone Alpha N.P.
Bis
Hearts
Pure

Iso Butyl Benzoate

Iso Butyl Phenyl
Acetate

Iso Eugenol Bay

Iso Eugenol Extra
"C"

Iso Pulegol Acetate

Iso Pulegol Purified

Iso Pulegol M Extra

Junox (Cedarwood Oxidiz

Labdanum Absolute Resin

Laurine
BB
Extra

Lavender Spike Terpene-
less

877240249

Oil Lemon Five Fold

Oil Limes Five Fold
Type II

Linalool Brazilian

Linalool Extra Fem. }
Braz. }

Linalyl Acetate Braz.

75%

87%

92%

97%

90-92%

Linalyl Acetate TAC

Linalyl Acetate TAC
Substitute

Linalyl Benzoate

Melonal

Menthol C
Purified

dl-Menthol U.S.P.

l-Menthol U.S.P.

Methyl Anthranilate
Extra

Methyl Acetophenone
p-Methyl Benzaldehyde
Methyl Cinnamate
Methyl Coumarin
Methyl Eugenol
Methyl Heptenone Synth
p-Methyl Hydratropic
Aldehyde
Methyl Iso Eugenol
Methyl Phenyl Acetate
Prime
Moskene
Musk Ambrette
homo Musk Ambrette
Musk Ketone
Musk Tibetene
Musk Xylol
Myrrh Abs. Resin
Neantine

Neo Polione

Oakmoss Abs. Resin

Octyl Iso Butyrate

Olibanum Abs. Resin

Orange Oil Five Fold
Florida

Oranger Crystals

Petitgrain Rectified
Terpeneless

Phenoxy Ethyl Isobutyra
Redistilled

Phenyl Acetaldehyde
7

Phenyl Acetamidocethanol
Crude

Phenyl Acetic Acid Dist
Pure

Phenyl Ethyl Acetate

Phenyl Ethyl Alcohol
P & G
Extra Fine

Phenyl Ethyl
Anthranilate

Phenyl Ethyl Formate

Phenyl Methyl Carbinyl
Acetate

Phenyl Propyl Alcohol
Tech.

Phenyl Propyl Aldehyde

Phenyl Propyl Cinnamate

Phosphon #5

Pinacol

n-Propyl Acetal

Protal

Pyrolysate Ester A-1993

Racemic Acid

ps. Raldehyde A Redist.

Raldehyde D
D Prime

Raldehyde 93

Rhodinol Extra

Rhodinyl Formate

877240253

Rhodiny1 Phenyl
Acetate

Santalyl Acetate

Satol

Solvent F

Stabilizer 9A-DIP
9-A from
Thymol
9-A from
Thymol N.P.
D-12 Crude
DIP from
Carvacrol

Styrax Abs. Resin

Terpineol Extra
Prime

Terpinyl Acetate Extra
Prime

Terpinyl Propionate

Thymol N.F.
from N.P.
N.F.
Fine Cryst. }
USP Fine Cryst. }

877240254

Tolu Balsam Abs. Resin

Tolyl Acetaldehyde

m-Tolyl Aldehyde

Vanillin U.S.P.

Yellow

Vetiver Rectified

Yara Yara

4.

*This does not include (

877240255

Ambrogene
N.P.

homo Ambrogene

homo Ambrol

Bois de Rose Redist.

Butyl Ketone

Butyl Xylene

Calcium Malonate

Chromite Catalyst

Cinnamon Leaf Redist.

Ceylon

Seychelles

Citronellal M

Dehydro Cyclamen
Aldehyde

Elgene

pseudo Ionone

Redist.

Iso Butyl Undecylenate

Iso Pulegol Tech.

Iso Safrole

Menthol 30
20

Menthol T Crude

Methyl Carbitol
Redist.

Methyl Nonyl Ketone

Methyl Undecylenate

Nonoic Acid

Phenyl Acetic Acid
Crude

ps. Haldeine D

Safrole

877240257

3. INTERMEDIATES

Styrene Oxide

n-Valeric Acid
Crude

m-Xylene

p-Xylene Crude

877240258

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N.P. Crude

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N.P. Crude

Bornyl Acetate F Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

Deltyl Crude

Deltyl Distilled

Elgene Crude

Geraniol Crude

877240259

2. CRUDE, DISTILLED AND TECHNICAL MATERIAL

Geraniol Prime M Crude

Geraniol Pure M Crude

Geraniol Pure M Crude Spec.

Geraniol Pure M Crude Spec.

ps. Ionone Crude

Irisone Crude

Irisone Pure Crude

Iso Butyl Phenyl Acetate Crude

Iso Propyl Palmitate Crude

Iso Propyl Palmitate Distilled

Laurine Crude

Linalool Braz. Crude

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crude

Linalyl Acetate TAC Crude

Methyl Coumarin Distilled

Methyl Phenyl Acetate Crude

877240260

3. CRUDE, TECHNICAL and DISTILLED MATERIAL

Phenyl Ethyl Alcohol Crude

ps. Raldehyde D Crude

Raldehyde D Crude

Raldehyde Omega Crude

Terpinyl Acetate Extra Crude

Terpinyl Acetate Prime Crude

Thymol Crude

N.P.

Thymol Distilled N.P.

Vanillin Crude

Vanillin Distilled

Spec.

Yara Yara Dist.

877240261

5.

3

Acetate C-8

Acetate C-9

Acetoacetic Ester
Propylene Ketal

Acetophenone
Extra

Acetyl Iso Eugenol

Adoxal

Alcohol C-8

Alcohol C-11 Undecylenic

Aldehyde C-8

Aldehyde C-9

Aldehyde C-10

Aldehyde C-11
Undecylenic

Aldehyde C-12 Lauric

Aldehyde C-12 M.N.A.

Aldehyde C-14 Pure
Reworked

Aldehyde C-16 Pure

Aldehyde C-18 Prunolide

Allyl Phenoxyacetate

5

877240262

Ambral

Ambreine No. 2

Amyl Benzoate

Amyl Butyrate

Amyl Cinnamic Aldehyde
Prime

Amyl Formate

Amyl Phenyl Acetate

Amyl Salicylate Extra
Prime

Anethole N.F.
Extra

Anisyl Acetate

Anisyl Alcohol

Aubepine Liquid
N.F.

Aurantiol Pure

Bay Oil Terpeneless

Benzal Glyceryl Acetal

Benzoin Absolute Resin

Benzophenone

877240263

Benzyl Acetate
"G"
Extra
Hearts
Prime

Benzyl Alcohol
E.K.)
N.F.)
Mfg.
Perf.
Tech.
Extra Fine

Benzyl Benzoate N.P.

Benzyl Butyrate

Benzyl Cinnamate

Benzyl Iso Amyl Ether

Benzyl Iso Valerate

Benzyl Laurate
M.D.

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate N.P.

Bergamot Terpeneless

Birchtar Rectified

Bois de Rose Terpeneless

877240264

Borneol Pure Large
Crystals

n-Butyl Benzyl Ketone

oleoresin Capsicum

Carvacrol Tech. N.P.

Cedarwood Rectified

Cedryl Acetate Crude
Dist.

Cetone alpha
V

Cetyl Alcohol Pure
(Recast purch. mat'l)

Chemical A-3564

Chlorbutanol Anhydrous

Cinnamic Alcohol Prime
Pure
Styrax

Cinnamic Aldehyde
Mfg. }

Cinnamyl Cinnamate (Re-
worked)

Cinnamyl Iso Valerate

Cinnamyl Propionate

877240265

Citral Pure

SS

VS

Citronellol Extra
Prime
Special

Citronellyl Butyrate

Citronellyl Formate

Citronellyl Iso Butyrate

Citronellyl Propionate

Civet Absolute

Compound 19

Tech.

20

30

30 a

74

1010

1051

1186

Compound E-3038 Int.

Compound Ester #1

Constituent #1

#4

#15

Copper Salt of Cpd. 30

877240266

p-Cresol Purified

p-Cresyl Acetate N.P.

p-Cresyl Iso Butyrate

p-Cresyl Methyl Ether

m-Cresyl Phenyl Acetate

p-Cresyl Phenyl Acetate

Cuminic Aldehyde

Cyclamen Aldehyde

Extra }
Spec. }
90-92% }
92% }

Cyclohexyl Acetic Acid

Cyclohexylacetone

Cyclohexyl Propionyl
Anthranilate

Deltyl Extra

N.P.

Deltyl No. 2

Dibenzyl Ketone
(Reworked)

2,4,-Dichlorophenol

877240267

Dihydro Citronellol

3,4-Dihydroxy Acetophend

Dimethyl Anthranilate

Diphenyl Oxide

Ethyl Amyl Ketone

Ethyl Benzoate

Ethyl Laurate

Ethyl p-Methoxy Cinnamate

Ethyl Phenyl Acetate

Eugenol C-95%

Eugenol Extra U.S.P.
Prime U.S.P.

Follione

G 4-40

G-4 Technical }
Fine Grind }
Pure }

G-5 Crude
Tech.

G-11
Pure
Unground

Gerallol Crude
Extra

Geraniol PR 3-4
Pure M
Pure N } Mfg.
Pure M #2332 }
(N=Norda) N #2332 }
Pure M P & G }
N P & G }

Geraniol M for Soap

Geranolene Acetate
Prime M Crude

Geranolene Acetate Prime

Geranyl Acetate Prime
M Crude

Geranyl Acetate Pure

Geranyl Benzoate

Geranyl Formate

Geranyl Phenyl Acetate

Geranyl Propionate

Heliotropin Cryst.
Recryst.

Heliotropin Bisulfite

Hydratropic Aldehyde
N.P.

Hydroxycitronellal
Dimethyl Acetal

Indole N.P.
Tech.

Irisone Alpha N.P.
Extra
Beta
V.P.
Bis
Hearts
Pure

Iso Bornyl Acetate

Iso Butyl Benzoate

Iso Butyl Phenyl Acetate

Iso Butyl Salicylate

Iso Eugenol Bay

Iso Eugenol

Extra
"C"

p-Isopropyl Acetophenone

Iso Pulegol Acetate

Iso Pulegol Purified
M Extra

Junox (Cedarwood
Oxidized)

Labdanum Absolute Resin

Laurine

Cpd.

BB

Extra

Lavandin Acetylated
Terpeneless

Lavender Spike
Terpeneless

Oil Lemon Five Fold
Calif

Oil Limes Five Fold
Type II

Linalool Brazilian

Linalool Extra Fem.
Braz.

Linalyl Acetate Braz.

75%
87%
90-92% }
92%
97%

Linalyl Acetate H

Linalyl Acetate P Extra

Linalyl Acetate TAC
Substi

Linalyl Benzoate

Linalyl Iso Butyrate

Mandarin Terpeneless

Melonal

Menthol C
Purified

dl-Menthol U.S.P.
Extra

l-Menthol U.S.P.

877240272

Menthyl Acetate T
Methyl Acetophenone
Methyl Anthranilate
Extra
p-Methyl Benzaldehyde
Methyl Cinnamate
Methyl Coumarin
Methyl Eugenol
Methyl Heptenone Synth.
p-Methyl Hydratropic
Aldehyde
Methyl Iso Eugenol
Methyl Phenyl Acetate
Prime
Methyl- α -n-Propyl
Cinnamate
Moskene
Musk Ambrette
homo Musk Ambrette
Musk Ketone
Musk Tibetene

Musk Xylol 1

Myrrh Abs. Resin

Neantine

Neo Folione

Nerolin

Oakmoss Abs. Resin

Octyl Iso Butyrate

Olibanum Abs. Resin

Orange Oil Five Fold
Florida

Oranger Crystals

Petitgrain Rectified
Terpeneless

Phenoxy Ethyl Iso Butyrate
Rework

Phenyl Acetaldehyde
W

Phenyl Acetamidoethanol
Crude

Phenyl Acetic Acid Dist.
Pure

Phenyl Benzoate

877240274

Phenyl Ethyl Acetate
Copar

Phenyl Ethyl Alcohol }
P & G
Extra Fine
L.B.

Phenyl Ethyl Anthranilat

Phenyl Ethyl Formate

Phenyl Methyl Carbinyl
Acetate

Phenyl Propyl Alcohol
Tech.

Phenyl Propyl Aldehyde

Phenyl Propyl Cinnamate

Phosphon #5

Pinacol

n-Propyl Acetal
Reworked

Protal
Reworked

Pyrolysate Ester A-1993

Racemic Acid

ps. Raldehyde A Redist.

877240275

Raldeine 93

Raldeine A

Raldeine D

Extra
Prime

Raldeine Gamma Pure

Raldeine Omega

Extra

Rhodinol Extra

Rhodinyl Butyrate

Rhodinyl Formate

Rhodinyl Phenyl Acetate

Santalol

Santalyl Acetate

Satol

Solvent F

Stabilizer 9A-DIP

9A from
Thymol

D-12 Crude

D-12

DIP from

Carvacrol

Styrax Abs. Resin

Terpineol Extra
Prime
Purch. Mat'l

Terpinyl Acetate Extra
Prime

Terpinyl Formate

Terpinyl Propionate

Tetrahydro ps. Ionone

Thymol N.F.

from N.P.
Fine Cryst.
from N.P.
USP Fine Cryst.

Tech.

Tolu Balsam Abs. Resin

Tolyl Acetaldehyde

m-Tolyl Aldehyde

Valeric Anhydride

Vanillin U.S.P.
Yellow
Purch. Mat'l

Vanillin L Crude
Pure
U.S.P.

Vetacetyl

Vetiver Acetate
#112

Vetiver Rectified

Viridine

m-Xylene Purified

Yara Yara
Tech.

3.

877240278

INTERMEDIATES

1952

Acetonylcyclohexanol

Alcohol C-12 Lauric

Allyl Acetone

Ambrogene
N.P.

homo Ambrogene

homo Ambrol

Anisole

Benzaldehyde N.F.
Tech.

Bois de Rose Redist.

Butyl Ketone

Butyl Xylene

Calcium Malonate

ps. Cetone V

Chromite Catalyst

Cinnamon Leaf Redist.
Ceylon
Seychelles

877240279

-2- Intermediates

Citronellal M

Cyclohexenylacetone

Cyclohexylpropanol

Dehydro Cyclamen
Aldehyde

Dichlorheptane Dist.

Elgene

Ethyl Monochlor Acetate

Ethyl Undecylenate
Reworked

Eugenol C-95% Mfg.

Heptine

pseudo Ionone
Redist.
Special

Iso Butyl Undecylenate

Iso Propyl Palmitate Dis

877240280

3. INTERMEDIATES

Iso Pulegol M
Tech.

Iso Safrole

Menthol 20
30

Menthol Crude

Menthol T Crude

Methyl Carbitol Redist.

Methyl Nonyl Ketone

Methyl Styrene Oxide

Methyl Undecylenate

Nonoic Acid

Phenyl Acetic Acid
Crude

Phenyl Ethyl Acetal

ps. Raldehyde D

877240281

4. INTERMEDIATES

Safrole

Styrene Oxide

n-Valeric Acid
Crude

m-Xylene

p-Xylene Crude

877240282

4. INTERMEDIATES

Safrole

Styrene Oxide

n-Valeric Acid
Crude

m-Xylene

p-Xylene Crude

877240282

CRUDE, DISTILLED and TECHNICAL MATERIAL

Acetophenone Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N.P. Crude

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N.P. Crude

Bornyl Acetate F Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

Deltyl Crude

Deltyl Distilled

Dichlorheptane Crude

CRUDE, DISTILLED and TECHNICAL MATERIAL

Acetophenone Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N.P. Crude

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N.P. Crude

Bornyl Acetate F Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

Deltyl Crude

Deltyl Distilled

Dichlorheptane Crude

2. CRUDE, DISTILLED and TECHNICAL MATERIAL

Elgene Crude

Ethyl Monochloracetate Crude

Geraniol Crude

Geraniol Prime M Crude

Geraniol Pure M Crude
Special

Geraniol Pure N Crude Special

ps. Ionone Crude

Irisone Crude

Irisone Pure Crude

Iso Butyl Phenyl Acetate Crude

Iso Propyl Palmitate Crude

Laurine Crude

Linalool Braz. Crude

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crude

Linalyl Acetate TAC Crude

877240284

3. CRUDE, DISTILLED and TECHNICAL MATERIAL

1952

Methyl Acetophenone Crude

Methyl Coumarin Distilled

Methyl Phenyl Acetate Crude

Phenyl Ethyl Alcohol Crude

Raldeine A Crude

ps. Raldeine D Crude

Raldeine D Crude

Raldeine Omega Crude

Terpinyl Acetate Extra Crude

Terpinyl Acetate Prime Crude

Terpinyl Propionate Crude

Thymol Crude

N.P.

Thymol Distilled N.P.

Vanillin Crude

Vanillin Distilled

Spec.

877240285

4. CRUDE, DISTILLED and TECHNICAL MATERIAL

Vetiver Acetate Crude

Yara Yara Distilled

877240286

FINISHED MATERIALS

1953

Acetate C-8

Acetate C-9

Acetate C-11 Undecylenic

Acetophenone

Acetyl Iso Eugenol

Adoxal

Alcohol C-8

Alcohol C-9

Alcohol C-10

Alcohol C-11 Undecylenic

Aldehyde C-8

Reworked

Aldehyde C-9

Aldehyde C-10

Aldehyde C-11 Undecylenic

Aldehyde C-12 Lauric
Copar
M.D.

Aldehyde C-12 M.N.A.

877240287

Aldehyde C-14 Myristic

Aldehyde C-14 Pure
Reworked

Aldehyde C-16 Pure

Aldehyde C-18 Prunolide

Allyl Phenoxyacetate

Ambral

Ambreine #2

Amyl Benzoate

Amyl Butyrate

Amyl Cinnamic Aldehyde
Prime

Amyl Formate

Amyl Phenyl Acetate

Amyl Salicylate Extra
Prime

Anethole N.F.
Extra

Anisole
Commercial
Tech.

Anisyl Acetate

Anisyl Alcohol
Mfg.

877240288

Aubepine Liquid
N.P.

Aurantiol Pure

Bay Oil Terpeneless

Benzal Glyceryl Acetal

Benzoin Absolute Resin

Benzophenone

Benzyl Acetate
"C"
Extra
Hearts
Prime

Benzyl Alcohol
E.K.?
N.P.
Perf.
Tech.
Extra Fine

Benzyl Benzoate N.P. =

Benzyl Butyrate

Benzyl Cinnamate

Benzyl Formate

Benzyl Iso Amyl Ether

Benzyl Iso Eugenol

Benzyl Iso Valerate

Benzyl Laurate

M.D.

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate N.P.

Bergamot Terpeneless

Bois de Rose Terpeneless

p-Bromo Benzophenone

Butoxy Saffrole

Butter Ester

oléoresin Capsicum

A-4961-2

Carvacrol Tech. N.P.

l-Carvone from Limonene

Cedarwood Rectified

Cedryl Acetate Crude
Dist.

*Made in Research Lab.

Aubepine Liquid
N.P.

Aurantiol Pure

Bay Oil Terpeneless

Benzal Glyceryl Acetal

Benzoin Absolute Resin

Benzophenone

Benzyl Acetate
"C"
Extra
Hearts
Prime

Benzyl Alcohol
E.K.?
N.P.
Perf.
Tech.
Extra Fine

Benzyl Benzoate N.P. =

Benzyl Butyrate

Benzyl Cinnamate

Benzyl Formate

Benzyl Iso Amyl Ether

Benzyl Iso Eugenol

Benzyl Iso Valerate

Benzyl Laurate

M.D.

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate N.P.

Bergamot Terpeneless

Bois de Rose Terpeneless

p-Bromo Benzophenone

Butoxy Saffrole

Butter Ester

oléoresin Capsicum

A-4961-2

Carvacrol Tech. N.P.

l-Carvone from Limonene

Cedarwood Rectified

Cedryl Acetate Crude
Dist.

*Made in Research Lab.

Cetone Alpha
V

Cetyl Alcohol Flakes

Cetyl Alcohol Pure
(Recast purch. mat'l)

Chemical A-3564

Chemical A-4965

Chlorbutanol Anhydrous

Cinnamic Alcohol Prime
Pure
Styrax

Cinnamic Aldehyde
Mfg.

Cinnamyl Acetate

Cinnamyl Cinnamate
Reworked

Cinnamyl Iso Valerate

Cinnamyl Propionate

Citral Pure
SS
VS

Citronellol Extra
Prime
Special

Citronellyl Butyrate

Citronellyl Formate

877240291

Citronellyl Iso Butyrate

Citronellyl Propionate

Civet Absolute

Compound 19 Tech.

19 - 40K

19 - 50K

30

30 a

1010

207 (Redist.

purch. mat'l)

1051

Compound A-6293a

Compound Ester #1

Constituent #1

#4

#15

Copper Salt of Cpd. 30

p-Cresyl Acetate N.P.

p-Cresyl Iso Butyrate

p-Cresyl Methyl Ether

m-Cresyl Phenyl Acetate

p-Cresyl Phenyl Acetate

p-Cresyl Phenyl Oxide

*Made in Research Lab.

877240292

Cuminic Aldehyde }
Mfg. }

Cyclamen Aldehyde
Extra
Spec.
92%

Cyclamen Aldehyde N.P.*

Cyclohexylacetone

Deltyl Extra
N.P.

Deltyl No. 2

Dibenzyl Ketone
Reworked

Dibenzyl Tech.

2,4-Dichlorophenol

Dihydro Citronellol

Dihydro Coumarin*
Extra*

Dihydro Terpinyl Acetate
Crude

*Made in Research Lab.

8

Dihydro Terpinyl
Propionate*
Crude*

Dihydro Terpineol*
Crude*

3,4-Dihydroxy Acetophenon

Di Isopropyl Ketone

Dimethyl Acetophenone

Dimethyl Anthranilate 2

Diphenyl Oxide

Ethone

Ethyl Amyl Ketone

Ethyl Benzoate

Ethyl Cinnamate

Ethyl Laurate

Ethyl Levulinate

Ethyl p-Methoxy Cinnamate

Ethyl Myristate

Ethyl Pelargonate

*Made in Research Lab.

Ethyl Phenyl Acetate

Ethyl Stearate

Eugenol Bay

C-95

Extra USP

Prime USP

Spec.

Folione

G 4-40 1

G-4 Technical 40
Fine Grind 1

Pure 1

G-5 Tech.

G-11 1,00

Pure
Unground

Geraniol Crude
Extra

Geraniol PR 3-4

2,73

877240295

Geraniol Pure M
Mfg. }
#2332
P & O

Geraniol M for Soap

Geranolene Acetate
Prime M Crude

Geranolene Acetate Prime

Geranyl Acetate Pure

Geranyl Benzoate

Geranyl Formate

Geranyl Phenyl Acetate

Geranyl Propionate

Heliotropin Cryst.
Recryst.
Dist.

o-n-Heptyl Phenols

Hexahydro pseudo Ionone

n-Hexyl Benzoate

Hydratropic Aldehyde
N.P.

Hydroxycitronellal
Dimethyl Acetal

*Made in Research Lab.

Indole N.P.
Tech.

Irisone Alpha N.P.
Extra
Copar

Beta
Pure
V.P.

Bis
Hearts
Pure
Spec.
Savon

Iso Bornyl Acetate

Iso Butyl Benzoate
Reworked

Iso Butyl Caproate

Iso Butyl Phenyl
Acetate

Iso Butyl Salicylate

Iso Eugenol Bay

Iso Eugenol
Mfg.
Coeur
Extra
"C"

p-Isopropyl Acetophenone

Isopropyl Phenyl Ethyl
Alcohol

Iso Pulegol Acetate

Iso Pulegol Purified
M Extra

Junox (Cedarwood
Oxidized)

Labdanum Absolute Resin

Laurine

BB

Gpd.

Extra

Copar

Laurine Residue M.D.*
1-2-3

Lavandin Acetylated
Terpeneless

Oil Lemon Five Fold
Calif.

Oil Lemongrass Redist.

Linalool Braz.
Copar

Linalool Extra Braz.

Linalool P

*Made in Research Lab.

Linalyl Acetate Braz.

75%

Spec. {

87%

90-92% }

92%

97%

Linalyl Acetate B

Linalyl Acetate P Extra

Linalyl Benzoate

Linalyl Formate

Linalyl Propionate

Linalyl Iso Butyrate

Mandarin Terpeneless

Nate Absolute Resin

Melonol

Reworked

Menthol C

dl-Menthol USP

Extra

l-Menthol USP

Menthyl Acetate T

Menthyl Anthranilate

2-Methoxy Diphenyl #3
Fr. 3-9*

Methyl Acetophenone

Methyl Anthranilate
Extra

p-Methyl Benzaldehyde

Methyl Cinnamate

Methyl Coumarin

Methyl Diphenyl Ether

Methyl Eugenol

Methyl Heptenone Synth.

Methyl Hexyl Ketone*

Methyl Hexyl Ketone
(Redist. purch. mat)

p-Methyl Hydratropic
Aldehyde

Methyl Iso Eugenol

Methyl o-Methoxy
Benzoate

Methyl Phenyl Acetate
Prime

*Made in Research Lab.

Oil Orange Five Fold

Oranger Crystals

Balsam Peru Absolute
Resin

N-Pelargonyl Piperide

Petitgrain Rectified
Terpeneless

Phenoxy Ethyl Iso
Butyrate

Phenyl Acetaldehyde W

Phenyl Acetamidoethanol
Crude

Phenyl Acetic Acid Dist.
Pure

Phenyl Benzoate

Phenyl Ethyl Acetate
Copar

Phenyl Ethyl Alcohol
Prime
Ex. Fine
L.B.

Phenyl Ethyl Anthran-
ilate

Phenyl Ethyl Butyrate

Phenyl Ethyl Formate

Phenyl Ethyl Iso
Valerate

Phenyl Ethyl Propionate

Phenyl Ethyl Salicylate

Phenyl Methyl Carbinyl
Acetate

Phenyl Propyl Alcohol

Phenyl Propyl Aldehyde

Phenyl Propyl Cinnamate

Piperitone

n-Propyl Acetal
Reworked

Protal
Reworked

ps. Raldehyde A Redist.

Raldehyde #93

Raldehyde A

Raldehyde D
Extra
Prime

Raldeine Gamma Pure

Raldeine Omega
Extra

Rhodinol Extra

Rhodinyi Acetate

Rhodinyi Butyrate

Rhodinyi Formate

Rhodinyi Phenyl Acetate

Santalol

Santalyl Acetate

Sassafras Artificial KH

Satol

Solvent F

Stabilizer #1
fr. Thym. }
Dist.NP }
9A E.I. {
N.P. {
9A-DIP
9A fr.Thymol
N.P.
D-12 Crude
D-12
DIP from
Carvacrol

Styrax Absolute Resin

Terpineol Extra
Prime 1
Purch. Mat'l.

Terpinyl Acetate Extra

Terpinyl Acetate Extra
Complete *

Terpinyl Acetate Prime

Terpinyl Acetate Prime
Complete *

Terpinyl Formate

Terpinyl Propionate

Tetrahydro ps. Ionone

Tetrahydrofurfuryl
Butyrate

Thymol N.P. }
from N.P. }
Fine Cryst. }
from N.P. }
Mfg. from N.P. }

Tech.

Tolu Balsam Absolute
Resin

Tolyl Acetaldehyde

*Made in Research Lab.

877240304

m-Tolyl Aldehyde

Trichlorophenyl Acetate
Tech.

Valeric Anhydride

γ-Valerolactone

Vanillin

Eugenol

(Purchased)

Guaiacol "

Yellow

Vanillin L Pure
U.S.P.

Veratrylaldehyde BSC #1
#1 Tech.

Vetacetyl

Vetiver Acetate
#112

Vetiver Rectified

Viridine

m-Xylene Purified

-21-

1

Yara Yara
Tech.

Zingerone

3,91

877240306

Acetonylcyclohexanol

Alcohol C-12 Lauric

Allyl Acetone

Ambrogene
N.P.

Benzaldehyde N.P.
Tech.

Bois de Rose Braz.
Redist.

Butyl Ketone

Butyl Xylene

Calcium Malonate

Cedrol Fractions

ps. Cetone V

Chromite Catalyst

Cinnamon Leaf Redist.

Citronellal M

C. INTERMEDIATES

Cyclohexenylacetone

Cyclohexylpropanol

Dehydro Cyclamen
Aldehyde
Tech.

Dichlorheptane Dist.

Dichloroctane Dist.

Elgene

Ethyl Monochlor Acetate

Ethyl Undecylenate
Reworked

Eugenol C-95% Mfg.

Heptine

Hexahydro ps. Ionol Crude

pseudo Ionone
Redist.
Special

Iso Butyl Undecylenate

877240308

3. INTERMEDIATES

Iso Propyl Palmitate
Dist.

Iso Pulegol M
Tech.

Iso Sefrole
Dist.

Linalool P

Menthol 20
30

Menthol Crude

Menthol T Crude

Methyl Carbitol Redist.

Methyl Nonyl Ketone
from Rue Oil

Methyl Styrene Oxide

Methyl Undecylenate

Nonolic Acid

Phenyl Acetic Acid
Crude

877240309

Phenyl Ethyl Acetal

ps. Raldehyde A

D
Spec.

Safrole

Styrene Oxide

n-Valeric Acid

m-Xylene

p-Xylene Crude

CRUDE, DISTILLED and TECHNICAL MATERIAL

1953

Acetophenone Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N.P. Crude

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N.P. Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

Deltyl Crude

Deltyl Distilled

Dichlorheptane Crude

Dichlorooctane Crude

877240311

2. CRUDE, DISTILLED and TECHNICAL MATERIAL

Elgene Crude

Ethyl Monochlor Acetate Crude

Geraniol Crude

Geraniol Prime M Crude

Geraniol Pure M Crude

ps. Ionone Crude

Irisone Alpha N.P. Crude

Irisone Pure Crude

A

Iso Butyl Phenyl Acetate Crude

Iso Propyl Palmitate Crude

Laurine Crude

Linalool Braz. Crude

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crude

Methyl Acetophenone Crude

877240312

3. CRUDE, DISTILLED and TECHNICAL MATERIAL

Methyl Coumarin Distilled

Methyl Phenyl Acetate Crude

Phenyl Ethyl Alcohol Crude

ps. Raldehyde A Crude

Raldehyde A Crude

ps. Raldehyde D Crude

Raldehyde D Crude

Raldehyde Omega Crude

Terpinyl Acetate Extra Crude

Terpinyl Acetate Prime Crude

Terpinyl Propionate Crude

Thymol Crude

N.P.

Thymol Distilled N.P.

Vanillin Crude

Vanillin Distilled

Vetiver Acetate Crude

1. CRUDE, DISTILLED and TECHNICAL MATERIAL.

Yara Yara Distilled

877240314

FINISHED MATERIALS 1757

1957

Acetanisol

Acetate C-8

Acetate C-9

Acetate C-11 Undecylenic

Acetate C-12

Acetate P. A.

Acetophenone

Acetyl Iso Eugenol

Adoxal

Alcohol C-8

Alcohol C-9

Alcohol C-10

Alcohol C-11 Undecylenic

Aldehyde C-8
Reworked

Aldehyde C-9

Aldehyde C-10

877240315

1954

Aldehyde C-11 Undecylenic

Aldehyde C-12 Lauric
Copar
M. D.

Aldehyde C-12 M. N. A.

Aldehyde C-14 Myristic

Aldehyde C-14 Pure

Aldehyde C-16 Pure

Aldehyde C-18 Prunolide

Allyl Caproate

Allyl Phenoxyacetate

Ambral

Ambreine

Ambreine #2

Amide H. L. R.

Amyl Benzoate

Amyl Butyrate

Amyl Cinnamic Aldehyde
Prime

877240316

1954

Amyl Formate

Amyl Phenyl Acetate

Amyl Propionate

Amyl Salicylate Extra
Prime

Anethole N.F.
Extra

Anisole
Commercial
Tech.

Anisyl Acetate

Anisyl Alcohol
Mfg.

Aubepine Liquid
N.P.

Aurantiol Pure

Bay Oil Terpeneless

Benzal Acetophenone

Benzal Glyceryl Acetal

Benzoin Absolute Resin

877240317

1954.

Benzophenone

Benzyl Acetate

"C"

Extra

Hearts

Prime

Benzyl Alcohol

E. K.

N. F.

Perf.

Tech.

Extra Fine

Benzyl Benzoate N. P.

Benzyl Butyrate

Benzyl Cinnamate

M. D.

N. P.

Benzyl Formate

Benzyl Iso Amyl Ether

Benzyl Iso Butyrate

Benzyl Iso Eugenol

Benzyl Iso Valerate

1954

Benzyl Laurate

M. D.

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate N. P.

M. D.

Bergamot Terpeneless

Bois de Rose Terpeneless

p-Bromo Benzophenone

Butoxy Safrole

Butter Ester

Butyl Phenyl Acetate

oleoresin Capsicum A-4961-2

Carvacrol Tech. N. P.

1-Carvone from Limonene*

Castoreum Absolute Resin

* Made in Research Laboratory

877240319

1954

Cedarwood Rectified

Cedryl Acetate Crude

Cedryl Acetate Distilled

Cetone Alpha
N. P. *
V

Cetyl Alcohol Flakes

Cetyl Alcohol Pure
(Recast purch. mat'l.)

Chemical A-3564

Chemical A-4965

Chlorbutanol Anhydrous

Cinnamic Alcohol Prime
Pure
Styrax

Cinnamic Aldehyde
Mfg.

Cinnamyl Acetate

Cinnamyl Cinnamate

* Made in Research Laboratory

877240320

1954

Cinnamyl Iso Valerate

Cinnamyl Propionate

Citral Pure

SS

VS

Citronellol C

Extra

Prime

Special

Citronellyl Acetate

Citronellyl Formate

Citronellyl Iso Butyrate

Citronellyl Propionate

Civet Absolute

Compound 19 Tech.

19-40 K

19-50 K

207 (Redist.

purch. mat'l)

1051

A-3531

A-6293

Compound Ester #1

Constituent #1

877240321

1934

p-Cresol Purified

p-Cresyl Acetate N. P.

p-Cresyl Methyl Ether

p-Cresyl Phenyl Acetate

p-Cresyl Phenyl Oxide

Cuminic Aldehyde
Mfg.

Cyclamen Aldehyde
Extra
Spec.

Cyclamen Aldehyde N. P. *

Cyclohexylacetone

Deltyl Extra
N. P.

Deltyl No. 2

Dibenzyl Ketone

Dibenzyl Tech.

Dihydro Citronellol

* Made in Research Lab.

877240322

1954

Dihydro Coumarin
Extra

Dihydro Terpineol *
Crude*

Dihydro Terpinyl Acetate*
Crude*

Dihydro Terpinyl
Propionate*
Crude*

Di Iso Propyl Ketone

Dimethyl Acetophenone

Dimethyl Anthranilate

2, 5-Dimethyl Hexane
2-5 Diol

Ethone

Ethyl Amyl Ketone

Ethyl Anisate

Ethyl Benzoate

2-Ethylbutyric Acid *

Ethyl Cinnamate

* Made in Research I

877240323

1954

Ethyl Levulinate

Ethyl p-Methoxy Cinnamate

Ethyl Myristate

Ethyl Pelargonate

p-Ethyl Phenol

Ethyl Phenyl Acetate

Ethyl Stearate

Eugenol Bay

C-95

Extra USP

Prime USP

Spec.

Follone

G 4-40

G 4 Technical
Fine Grind

877240324

1454

G-4 Pure

Tech. D.

G-11

Gerallol Acetate Crude*

Gerallol Extra

H. C.

Prime

Geraniol PR 3-4

Geraniol Pure M

Mfg.

#2332

F & G

Std.

Geraniol M for Soap

Geranolene Acetate

Prime M Crude

Geranolene Acetate Prime

Geranyl Acetate Pure

Geranyl Benzoate

Geranyl Butyrate

* Made in Rescarch

877240325

1954

Geranyl Formate

Geranyl Phenyl Acetate

Geranyl Propionate

Giv-Tan

Hellotropin Cryst.
Recryst.
Dist.

o-n-Heptyl Phenol *

Hexadecane Crude

Hexahydro pseudo Ionone

n-Hexyl Benzoate

Hydratropic Aldehyde N P

Hydroxycitronellal
Dimethyl Acetal

Hydroxycitronellol

Indole N. P.
Technical

* Made in Research Lab

877240326

1954

Irisone Alpha N. P.
Extra
Copar
Beta Pure
V. P.
Bis
Hearts
Pure
Spec.
Savon

Iso Bornyl Acetate

Iso Butyl Benzoate
Reworked

Iso Butyl Caproate

Iso Butyl Phenyl Acetate

Iso Butyl Salicylate

Iso Eugenol Bay

Iso Eugenol
Mfg.
Coeur
Extra

p-Isopropyl Acetophenone

Isopropyl Phenyl Ethyl
Alcohol

Iso Pulegol Acetate

877240327

1934

Iso Pulegol Purified

Iso Thymol

Junox
(Cedarwood Oxidized)

Labdanum Absolute Resin

Laurine

BB
Extra
Copar
M.D.

Laurine Residue M.D.*
1-2-3*

Lavandin Acetylated
Terpeneless

Lavender Spike Terpene-
less

Oil Lemon Five Fold
California

Oil Lemongrass Redist.

Oil Lime Five Fold

* Made in Research Lab.

877240328

1957

Linalool Braz.

Copar

Linalool Extra Braz.

Linalool P

Linalyl Acetate Braz.

75%

Spec.

87%

92%

97%

Linalyl Acetate P Extra

Linalyl Acetate from

Lavandin *

Linalyl Benzoate

Linalyl Formate

Linalyl Iso Butyrate

Linalyl Propionate

Mandarin Terpeneless

Mate Absolute Resin

Melonal

Reworked

Menthol C

* Made in Research

877240329

1954

dl-Menthol USP

Extra

l-Menthol USP

Menthone

Menthone P (Inv)

Menthyl Acetate

Menthyl Anthranilate

2-Methoxy Diphenyl #3
Fr. 3-9*

p-Methoxy Phenyl
Acetic Acid *

Methyl Acetophenone

Methyl Anthranilate Extra

p-Methyl Benzaldehyde

Methyl Cinnamate

Methyl Coumarin

Methyl Diphenyl Ether

Methyl Eugenol

Methyl Heptenone Synth.

* Made in Research Lab.

877240330

1954

Methyl Hexyl Ketone *

Methyl Hexyl Ketone
(Redist. purch. mat'l)

p-Methyl Hydratropic
Aldehyde

Methyl Iso Eugenol

1-Methyl 4-iso Hexenyl
 Δ^3 -Tetrahydrobenzaldehyde

Methyl o-Methoxy
Benzoate

Methyl 3-Methyl-2-
Octenoate *

Methyl Phenyl Acetate
Prime

p-Methyl Phenyl Methyl
Carbinol

Moskene
Fine Cryst.

Musk 1233 (Versalide)
Distilled

Musk Ambrette

Musk Ketone

* Made in Research Lab.

877240331

1454

Musk Tibetene

Musk Xylol
Powder

Musk Zibata

Myrrh Absolute Resin

Neantine

Neofolione

Nerolin

Nopol Acetate

Oakmoss Absolute Resin

Octalactone

Octine

Octyl Butyrate

Olibanum Absolute Resin

Opoponax Absolute Resin

Oil Orange Five Fold

Oranger Crystals

877240332

1954

Peach Oil Special

N-Pelargonyl Piperide

Balsam Peru Absolute
Resin

Petitgrain Rectified
Terpeneless

Phenoxy Ethyl Iso Butyrate

Phenyl Acetaldehyde W

Phenyl Acetic Acid Dist.
Pure

Phenyl Ethyl Acetate
Copar

Phenyl Ethyl Alcohol
Prime
Ex. Fine

Phenyl Ethyl Butyrate

Phenyl Ethyl Cinnamate

Phenyl Ethyl Formate

Phenyl Ethyl Isobutyrate

Phenyl Ethyl Iso Valerate

877240333

1954

Phenyl Ethyl Phenyl
Acetate

Phenyl Ethyl Propionate

Phenyl Ethyl Salicylate

Phenyl Methyl Carbinyl
Acetate

Phenyl Propyl Acetate

Phenyl Propyl Alcohol

Phenyl Propyl Aldehyde

Phenyl Propyl Cinnamate

Piperitone

n-Propyl Acetal

Protal

Pyrolysate A-1993

Pyrolysate Ester

Racemic Acid

Racemic Ester

ps. Raldehyde A Redist.

877240334

1954

Raldeine A

Raldeine D

Prime

Raldeine gamma Pure

Raldeine Omega

Raldeine 93

Rhodinol Extra

Rhodinyl Acetate

Rhodinyl Butyrate

Rhodinyl Formate

Rhodinyl Phenyl Acetate

Santalol

Santalyl Acetate

Sassafras Artificial KH

Satol

Solvent F

1754

Stabilizers

#1

from Thymol Dist.

N. P.

9-A E. I.

N. P.

9-A from Thymol

N. P.

D I P from Carvacrol

from Thymol

D-12

D-12 Crude

Styrax Absolute Resin

Terpineol Extra

Prime

Purch. Mat'l

Terpinyl Acetate Extra

Terpinyl Acetate Extra

Complete*

Terpinyl Acetate Prime

Terpinyl Acetate Prime

Complete *

Terpinyl Propionate

* Made in Research Lab.

877240336

1954

Tetrahydrofurfuryl
Butyrate *

Tetrahydro ps. Ionone

Tetrahydro Linalool

Thymol N. F.

N. P.

Mfg.

Fine Cryst.

Mfg.

Thymol Technical

Tolu Balsam Absolute
Resin

Tolyl Acetaldehyde

Tolyl Glyceryl Acetal

Trichlorophenyl Acetate
Technical

Valeric Anhydride

γ -Valerolactone

Vanillin
Eugenol
(Purchased)
Gualacol "
Yellow

Vanillin L USP

Veratryl Alcohol

Veratrylaldehyde BSC #1
Tech. #1

Vetiver Acetate

Vetiverol

Viridine

m-Xylene Purified

Yara Yara

Ylang Terpeneless

Zingerone

1
S

Acetonitrile HLR

Acetonylcyclohexanol

Alcohol C-12 Lauric

Ambrogene N.P.

Anisyl Acetic Acid

Anisyl Alcohol Crude

Anisyl Chloride

Anisyl Cyanide

Benzaldehyde N.F.

Bois de Rose Braz. Redist.

Butyl Ketone

Butyl Levulinate

Butyl Xylene

Calcium Malonate

Cedrol Fractions

ps. Cetone V

Chromite Catalyst

Cinnamic Acid Tech.

Cinnamon Leaf Oil Ceylon
Redist.

Citronellal M

Clove Leaf Oil Redist.

Cyclohexenyl Acetone

Cyclohexylpropanol

DCDMH

Dehydro Cyclamen Aldehyde
Technical

Dichlorpentane Dist.

Dichloroctane Dist.

Elgene

Ethyl Monochlor Acetate

Heptine

Hexahydro pseudo Ionol
Crude

Hexethamine HLR

pseudo Ionone
Special

Iso Butyl Undecylenate

Iso Propyl Palmitate Dist.

Iso Pulegol M
Technical

Iso Safrole
Distilled

Lemongrass Oil. S.D.

Linalool P

Menthol 20
30

877240341

1724

1107

Menthol Crude
T Crude

Methyl Nonyl Ketone
from Rue Oil

Methyl Styrene Oxide

Methyl Undecylenate

Nonoic Acid

Phenyl Acetic Acid Crude

ps. Raldehyde A

ps. Raldehyde D
Special

Safrole

Styrene Oxide

877240342

1754

T M E T

m-Xylene

p-Xylene Crude

877240343

CRUDE, DISTILLED and TECHNICAL MATERIAL 1954

1954

Acetophenone Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N. P. Crude

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N. P. Crude

Bornyl Acetate F. Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

Cyclamen Aldehyde Crude

Deltyl Crude

Deltyl Distilled

877240344

4. CRUDE, DISTILLED and TECHNICAL MATERIAL

1954

Dichlorheptane Crude

Dichlorooctane Crude

Elgene Crude

Ethyl Monochlor Acetate Crude

Geraniol Crude M

Geraniol Prime M Crude

Geraniol Pure M Crude

Pa. Ionone Crude

Irisone Alpha N.P. Crude

Irisone Pure Crude

A

Iso Butyl Phenyl Acetate Crude

Iso Propyl Palmitate Crude

Laurine Crude

Linalool Braz. Crude

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crude

877240345

1954

Methyl Acetophenone Crude

Methyl Coumarin Distilled

Methyl Phenyl Acetate Crude

Phenyl Ethyl Alcohol Crude

ps. Raldehyde A Crude

Raldehyde A Crude

ps. Raldehyde D Crude

Raldehyde D Crude

Raldehyde Omega Crude

Terpinyl Acetate Extra Crude

Terpinyl Acetate Prime Crude

Terpinyl Propionate Crude

Thymol Crude

N. P.

Thymol Distilled N. P.

877240346

4. CRUDE, DISTILLED and TECHNICAL MATERIAL.

1727

Vanillin Crude

Vanillin Distilled

Vetiver Acetate Crude

Yara Yara Distilled

877240347

FINISHED MATERIALS 1955

1955

Acetal R

Acetanisoole

Acetato C-12

Acetate P.A.

Acetoacetic Ester
Propylene Ketal

Acetophenone

Adoxal

Alcohol C-8

Alcohol C-10

Alcohol C-11 Undecylonic

Aldehyde C-8

Aldehyde C-9

Aldehyde C-10

Aldehyde C-11 Undecylonic

Aldehyde C-12 Lauric
M.D.

Aldehyde C-12 M.N.A.

Aldehyde C-14 Myristic

Aldehyde C-14 Pure

877240348

Aldehyde C-16 Pure
Aldehyde C-18 Prunolide
Allyl Caproate
Ambreine
Ambreine #2
Amide H.L.R.
Amyl Butyrate
Amyl Cinnamic Aldehyde
Prime
Amyl Formate
Amyl Phenyl Acetate
Amyl Propionate
Amyl Salicylate Extra
Prime
Anisole
Commercial
Anisyl Acetate
Anisyl Alcohol
AR-1 Terpenoloss

1955

Aubepine Liquid
N.P.
N.P. #2

Aurantiol Pure

Bay Oil Terpenecless

Benzal Acetophenone

Benzal Glyceryl Acetal

Benzoin Absolute Resin

Benzophenone

Benzyl Acetate
"C"

Extra
Hearts
Prime

Benzyl Alcohol

H.K.)
N.P.)
Perf.
Tech.

Benzyl Cinnamate)
M.D.)
N.P.)

Reworked

877240350

1955

Benzyl Iso Amyl Ether

Benzyl Iso Eugenol

Benzyl Laurate M.D.

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate N.P.)
M.D.)

Bergamot Terpeneless

Oil Birch Tar Rectified

Bois de Rose Terpeneless

Butoxy Saffrole

Butyl Phenyl Acetate

oleoresin Capsicum A-4961-

Carvacrol
Tech. N.P.

Castoreum Absolute Resin

Cedarwood Rectified

Cedronol Fractions

Cedryl Acetate Crude

Cedryl Acetate Distilled

877240351

1955

Cetone Alpha
N.P.*
V

Cetyl Alcohol Flakes

Cetyl Alcohol Pure
(Recast purch. mat'l.)

Chlorbutanol Anhydrous

Cinnamic Alcohol Prime
Pure
Styrax

Cinnamic Aldehyde)
Mfg.)

Cinnamyl Acetate

Cinnamyl Iso Valerate

Cinnamyl Propionate

Citral Pure
SS

Citronellol C
Extra
Prime
Special

Citronellyl Acetate

Citronellyl Formate

* Made in Research Laboratory

877240352

1955

Citronellyl Propionate

Civet Absolute

Compound 19 Tech.
19-50 K
207 (Redist.
purch.mat'l.)
A-3531

Compound Ester #1

Constituent #1
#4
#15

Corps N-112 (Reworked)

p-Cresol Purified

p-Cresyl Acetate N.P.

p-Cresyl Methyl Ether

p-Cresyl Phenyl Acetate

Cuminic Aldehyde)
Mfg.)

Cyclamen Aldehyde
Extra
Special

Cyclohexyl Acetone

877240353

1955

Deltyl for Gpd.
Extra
" N.P.
No. 2
Recovery

Dibenzyl Ketone

Dihydro Citronellol

Dihydro Coumarin

Dimethyl Acetophenone

Dimethyl Anthranilate

2,5-Dimethyl Hexano
2-5 Diol

Ethone

Ethyl Amyl Ketone

Ethyl Anisate

Ethyl Benzoate

2-Ethylbutyric Acid *

Ethyl Myristate

Ethyl Pelargonate

p-Ethyl Phenol
N.P.

* Made in Research Laborat

1955

Deltyl for Gpd.
Extra
" N.P.
No. 2
Recovery

Dibenzyl Ketone

Dihydro Citronellol

Dihydro Coumarin

Dimethyl Acetophenone

Dimethyl Anthranilate

2,5-Dimethyl Hexano
2-5 Diol

Ethone

Ethyl Amyl Ketone

Ethyl Anisate

Ethyl Benzoate

2-Ethylbutyric Acid *

Ethyl Myristate

Ethyl Pelargonate

p-Ethyl Phenol
N.P.

* Made in Research Laborat

1955

Eugenol Bay

C-95

Extra USP

Prime USP

oleoresin Balsam Fir

Folione

G-4 Brominated

G-4 Pure

G-4 Technical)

GD)

D

Fine Crystals

S

G-4-40 Technical

G-11

1

Gerallol Acetate Crude*

* Made in Research Laborat

877240355

1955

Eugenol Bay

C-95

Extra USP

Prime USP

oleoresin Balsam Fir

Folione

G-4 Brominated

G-4 Pure

G-4 Technical)

GD)

D

Fine Crystals

S

G-4-40 Technical

G-11

1

Gerallol Acetate Crude*

* Made in Research Laborat

877240355

1955

Deltyl for Gpd.
Extra
" N.P.
No. 2
Recovery

Dibenzyl Ketone

Dihydro Citronellol

Dihydro Coumarin

Dimethyl Acetophenone

Dimethyl Anthranilate

2,5-Dimethyl Hexano
2-5 Diol

Ethone

Ethyl Amyl Ketone

Ethyl Anisate

Ethyl Benzoate

2-Ethylbutyric Acid *

Ethyl Myristate

Ethyl Pelargonate

p-Ethyl Phenol
N.P.

* Made in Research Laborat

1955

Eugenol Bay

C-95

Extra USP

Prime USP

oleoresin Balsam Fir

Folione

G-4 Brominated

G-4 Pure

G-4 Technical)

GD)

D

Fine Crystals

S

G-4-40 Technical

G-11

1

Gerallol Acetate Crude*

* Made in Research Laborat

877240355

1955

Geraniol Extra

H. C.

Primo

Geraniol PR 3-4

Geraniol Pure M

Geraniol M For Soap

Geraniol Standard

Geranioleno Acetate

Primo M Crude

Geranyl Acetate Pure

Geranyl Benzoate

Geranyl Butyrate

Geranyl Formate

Geranyl Phenyl Acetate)
M.D.)

Giv-Tan

Guaiacol Phenyl Acetate

1955

Heliotropin Cryst.
Distilled
Recryst.
Soap Grade B

o-n-Heptyl Phenol

Hexadecane Crude

Hexahydro ps. Ionone

Hydratropic Alcohol

Hydratropic Aldehyde N.P.

Hydroxycitronellal
Dimethyl Acetal

Hydroxycitronellol

Indole N.P.
Technical

Irisone Alpha N.P.
Extra
Beta
Pure
Bis
Hearts
Pure

Iso Bornyl Acetate

Iso Butyl Benzoate

Iso Butyl Caproate

877240357

1955

Iso Butyl Phenyl Acetate

Iso Butyl Salicylate

Iso Eugenol Bay

Iso Eugenol
Mfg.
Extra

Iso Linalyl Acetate

Iso Pulegol M Extra

Iso Pulegol Purified

Iso Thymol

Jasmonyl (N.D.A.)

Junox

Labdanum Abs. Resin

Laurine)
BB)
Extra
M.D.

Lavandin Acetylated
Terpeneless

Lavender Spike
Terpeneless

877240358

1955

Lemon Oil Concentrate

Lemon Oil Five Fold
California
Type II

Lemongrass Oil Redist.

Lilol

Lime Oil Five Fold
Type II

Linalool Braz.

Linalool Extra Braz.

Linalyl Acetate Braz.

75%
87%
92%
97%

Linalyl Acetate from
Lavandin*

Linalyl Acetate TAC

Linalyl Benzoate

Linalyl Formate

Linalyl Isobutyrate

Linalyl Propionate

* Made in Research L

877240359

Mato Absolute Resin

Melonol

Menthanyl Acetate

dl-Menthol USP

Menthone

dl-Menthone

Menthone P (Inv.)

T-Menthone

Menthyl Acetate

p-Methoxy Phenyl
Acetic Acid*

Methyl Acetophenone

Methyl Anthranilate Extra

p-Methyl Benzaldehyde

Methyl Cinnamate

Methyl Coumarin

Methyl Diphenyl Ether

Methyl Eugenol

Methyl Heptonone Synth.

* Made in Research Lab.

877240360

1955

p-Methyl Hydratropic
Aldehyde

Methyl Isoeugenol

1-Methyl 4-iso Hexonyl
 Δ^3 -Tetrahydrobenzaldehyde

Methyl 3-Methyl-2-
Octenoate*

Methyl Phenyl Acetate

p-Methyl Phenyl Methyl
Carbinol

Methyl Phenyl Propionate

Moskone
Fine Cryst.

Musk 1233

Musk Ambrette

Musk Ketone

Musk Tibetene

Musk Xylol

Musk Zibata

Myristyl Alcohol
(Recast Purch. Mat'l.)

* Made in Research Lab.

1955

Myristyl Alcohol Redist.
Special

Neofollione

Norolin

Nopol Acetate

Oakmoss Absolute Resin

Octalactone

N-Octanoyl Ethanolamine

Octyl Butyrate

Olibanum Absolute Resin

Opoponax Absolute Resin

Oil Bitter Orange
Ten Fold

Orange Oil Conc.
Forty Fold

Oranger Crystals

Orris Root Powdered

1955

Peach Oil Special

Petitgrain Rectified
Terpeneloss

Phenoxy Ethyl Iso Butyrate

Phenyl Acetaldehyde W

Phenyl Acetaldehyde
Ethylene Acetal*

Phenyl Acetic Acid Dist.
Pure

Phenyl Ethyl Acetate
Copar

Phenyl Ethyl Alcohol
Prime
Ex.Fine

Phenyl Ethyl Benzate

Phenyl Ethyl Cinnamate

Phenyl Ethyl Iso Butyrate

Phenyl Ethyl Iso Valerate

Phenyl Ethyl Phenyl
Acetate

Phenyl Ethyl Propionate

* Made in Research Lab.

1955

Phenyl Methyl Carbinyl
Acetate

Phenyl Propyl Acetate

Phenyl Propyl Alcohol)
N.P.)

Phenyl Propyl Aldehyde

Piperitone

n-Propyl Acetal

Pyrolysate A-1993

Pyrolysate Ester

Racemic Acid

Racemic Ester

Raldene #93

ps. Raldene A Modist.

Raldene A

Raldene D
Prime

Raldene Gamma Pure

Raldene Omega

877240364

1955

Rhodinol Extra

Rhodiny1 Acetato

Rhodiny1 Formate

Rhodiny1 Phenyl Acetate

Santalol

Santaly1 Acetate

Sassafras Artificial K.H.

Stabilizers

#1 DIP

from Thymol Dist.
N.P.

9-A DIP

9-A E.I.

9-A from Thymol N.P.

DIP from Thymol

D-12

D-12 Crude

Styrax Absolute Resin

Styrax Resin #10 White

877240365

1955

Terpineol Complete
Extra
Prime
Purch. Mat'l.

Terpinyl Acetate Extra

Terpinyl Acetate Prime

Terpinyl Propionate

Tetrahydro ps. Ionone

Tetrahydro Linalool

Thymol N.F.)
N.P.)
Mfg.)
N.P. Mfg.)
Fine Crystals)
Mfg.)
N.P.)
Large Crystals N.P.

Thymol Technical

Tolu Balsam Absolute
Resin

Tolyl Glyceryl Acetal

Trichlorophenyl Acetate
Technical

877240366

1955

✓-Valerolactone

Vanillin (Purchased)

Eugenol

Guaiacol

Vanillin L USP

Veratryl Alcohol

Veratrylaldehyde Tech. #1

#2

#4

Versalide

Distilled

Vetiver Acetate)

112)

Vetiverol

Viridine

m-Xylene Purified

Yara Yara

Ylang Terpeneless

877240367

Acetonitrile HLR

Alcohol C-12 Lauric

Ambrogene N.P.

Anisyl Acetic Acid

Anisyl Alcohol Crude

Anisyl Chloride

Anisyl Cyanide

Benzaldehyde N.F.

Bois de Rose Braz.
Redistilled

Butyl Ketone

Butyl Levulinate

Butyl Xylene

Calcium Malonate

Cedrol Fractions

ps. Cetone V

1955

Chromite Catalyst

Cinnamic Acid Tech.

Cinnamon Leaf Oil Ceyl
Redistilled

Citronellal M

Clove Leaf Oil Redist.

Cyclohexenyl Acetone

Cyclohexyl Propanol

DCDMH

Dihydro Cyclamen Aldehy

Delagene

Elgene

Ethyl Monochlor Acetate

Hexa Hydro pseudo Iono

Hexethamine HLR

877240369

3. INTERMEDIATES

1955

ps. Ionone
Special

Iso Butyl Undecylenate

Iso Propyl Palmitate Dist

Iso Pulegol M
Technical

Isosafrole

Lemongrass Oil S.D.

Menthol 20
30

Menthol Crude
T Crude

Methyl Nonyl Ketone
from Rue Oil

Methyl Undecylenate

Nonoic Acid

877240370

4. INTERMEDIATES

1955

Phenyl Acetic Acid
Crudo

Phenyl Ethyl Acotal

ps. Baldoine A

ps. Baldoine D
Special

Safrolo
D

THET

m-Xyleno

877240371

CRUDE, DISTILLED and TECHNICAL MATERIAL

Acetophenone Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N.P. Crude (Sold-18,751)

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Benzyl Benzoate N.P. Crude

Bornyl Acetate P Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

p-Cresyl Methyl Ether Crude

Cyclamen Aldehyde Crude

Delachlor Crude

Deltyl Crude

877240372

Doltyl Distilled

Dichlorheptane Crude

Dichlorooctane Crude

Dihydro Terpineol Crude

Elgene Crude

Ethyl Monochlor Acetate Crude

Geraniol Crude M

Geraniol Primo M Crude
(Sold - 7,836)

Geraniol Puro M Crude

ps. Ionone Crude

Irisone Alpha N.P. Crude

Irisone Pure Crude
A

Iso Butyl Phenyl Acetate Crude

Iso Propyl Palmitate Crude

Laurine Crude

Linalool Braz. Crude

877240373

1955

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crude

Linalyl Acetate TAC Crude

Methyl Acetophenone Crude

Methyl Coumarin Distilled

Methyl Phenyl Acetate Crude

Phenyl Acetaldehyde W Crude

Phenyl Ethyl Alcohol Crude

ps. Ralaine A Crude

Ralaine A Crude

ps. Ralaine D Crude

Ralaine D Crude

Ralaine Omega Crude

Terpinyl Acetate Extra Cru

Terpinyl Acetate Prime Cru

877240374

1955

Terpinyl Propionate Crude

Thymol Crude
N.P.

Thymol Distilled
N.P.

Vanillin Crudo

Vanillin Distilled

Vetiver Acotato Crude

Yara Yara Crudo

Yara Yara Distilled

877240375

FINISHED MATERIALS

1956

1956

Acetol R

Acetanisole

Acetate C-8

Acetate C-11 Undecylenic

Acetate P.A.

Acetoacetic Ester
Propylene Ketal

Acetophenone

Acetyl Isoeugenol

2- Acetyl Phenthiazine

Adoxal

Alcohol C-8

Alcohol C-10

Alcohol C-11 Undecylenic

Aldehyde C-8

Aldehyde C-9

Aldehyde C-10

Aldehyde C-11 Undecylenic

Aldehyde C-11 Undecylenic

877240376

1956

Aldehyde C-12 Lauric
Aldehyde C-12 M.N.A.
Aldehyde C-14 Myristic
Aldehyde C-14 Pure
Aldehyde C-16 Pure
Aldehyde C-18 Prunolide
Allyl Caproate
Ambreine
Amide IRLR
Amyl Butyrate
Amyl Cinnamic Aldehyde
 Prime
 Special
Amyl Formate
Amyl Propionate
Amyl Salicylate Extra
 Prime
Anhydrol Castoreum
Anisic Aldehyde
 Disulfite Compound
Anisole
 Commercial
 Distilled
*Made in Research Lab.

877240377

55,110

524

410,141

11,293

202,848

1956

Anisyl Acetate

Anisyl Alcohol

AR-1 Terpenoless

Aubepine Liquid

N.P.

N.P. #2

Extra

Prime

Aubepine Bisulfite
Compound

Aurantiol Pure

Bay Oil Terpenoless

Benzal Glyceryl Acetal

Benzoin Absolute Resin

Benzophenone

Benzyl Acetate

"C"

Extra

Hearts

Primo

Benzyl Alcohol

F.K.)

H.F.)

Vfg.

Perf.

Tech.

Made in Research Laboratory

877240378

1956

Benzyl Cinnamate M.D.
Reworked

Benzyl Formate

Benzyl Iso Amyl Ether

Benzyl Isoeugenol

Benzyl Laurate M.D.

N-Benzyl-2-Oxazolidone

Benzyl Phenyl Acetate

Benzyl Propionate

Benzyl Salicylate M.P.
M.D.

Bergamot Terpeneless

Oil Birch Tar Rectified

Bois de Rose Terpeneless

Butoxy Saffrole

Butter Ester

Butyl Benzaldehyde

Capronic Absolute

Capronic Ether Light

877240379

oleoresin Capsicum A-4961-2

Carvacrol
Tech. N.P.

Castoreum Abs. Resin

Cedar Ketone

Cedarwood Rectified

Cedrenol Fractions

Cedryl Acetate Crude

Cedryl Acetate Distilled

Cetone V

Cetyl Alcohol Flakes
(Recast Purch. Mat'l.)

Chemical A-6293

Chlorbutanol Anhydrous

Cinnamic Alcohol Prime
Pure
Styrax

Cinnamic Aldehyde)
Mfg.)

Cinnamyl Acetate

Cinnamyl Butyrate

Cinnamyl Propionate

1956

Citral Puro
SS

Citronellol C
Extra
Primo
Special

Citronellyl Acetate

Citronellyl Formate

Citronellyl Propionate

Civet Absolute

Compound 19-50 K

30

207

(Redist. Purch. Mat'l.)

A-7828

Compound Ester #1

Constituent #1

#4

#15

Corps N-11.

)

p-Cresyl Acet H.P.

p-Cresyl Laurate

p-Cresyl Methyl Ether

m-Cresyl Phenyl Acetate

p-Cresyl Phenyl Acetate

877240381

1950

Cuminic Aldehyde
Mfg.)

Cyclamen Aldehyde
85%
Extra
G.D.
Special

Cyclohexyl Acetone

Dehydro Lilial

Deltyl for Cpd.
Extra
" N.P.
No. 2
Recovery

Dibenzyl Ether

Dibenzyl Ketone

Dihydro Citronellol

Dimethyl Acetophenone

Dimethyl Anthranilate

Dimethyloctanyl Myristate

2,4-Dinitro-5-Methyl Phenol

1,

*Made in Research Lab.

877240382

1956

Ethone

Ethyl Amyl Ketone

Ethyl Anisato

Ethyl Benzoate

Ethyl Laurate

Ethyl Levulinate

p-Ethyl Phenol
N.P.

Ethyl Phenyl Acetate

Eugenol Acetate

Bay

C-95

Extra

Primo

oleoresin Balsam Fir

Folione

G-1 Brominated

G-1 Pure

1956

G-4 Technical

GD

Fine Crystals

?

G-4-10 Technical

G-5

G-11

Sodium Salt

1

Gerallol Extra

Geraniol P.R. 3-4

Geraniol Puro M

Geraniol for Soap

Geraniol Standard

Geranolone Acetate

Prime M Crude

Geranyl Acetate Pure

Geranyl Butyrate

Geranyl Formate

Geranyl Phenyl Acetate

M.D.

Giv-Tan

Guaiacol Phenyl Acetate

3

877240384

1956

Heliotropin Cryst.
Distilled
Recryst.
Soap Grade B

Heptyl Isobutyrate

o-n-Heptyl Phenol

Hexahydro ps. Ionone

Hydratropic Alcohol

Hydratropic Aldehyde
W

Hydroxycitronellal
Dimethyl Acetal

Hydroxycitronellol

Indole N.P.
Technical

Irisone Alpha N.P.
Extra
Beta
Bis
Pure

Iso Bornyl Acetate

Isobutyl Phenyl Acetate

* Made in Research Lab.

877240385

1956

Isobutyl Salicylate

Isoeugenol Bay

Isoeugenol
Mfg.
Extra

Iso Linalyl Acetate

Iso Pulegol M Extra

Iso Pulegol Purified

Iso Thymol

Jasmonyl (N.D.A.)

Junox
H.D.

Ketonarome

Labdanum Abs. Resin

Oil Labdanum 137-A

Laurine
BB
Extra

Lavender Spike Terpenes

877240386

1956

Oil Lemon Concentrate

Oil Lemon California
Five Fold Type II

Lemongrass Oil Redist.

Lilial
Extra

Lilol

Lime Oil Five Fold-Type II

Linalool Braz.

Linalool Extra Braz.

Linalyl Acetate Braz.

75%
87%
92%
97%

Linalyl Acetate TAC

Linalyl Butyrate

Linalyl Formate

Linalyl Isobutyrate

Linalyl Propionate

Mato Absolute Resin

Melonol

Menthanyl Acetate

877240387

1956

Menthol 30 Iso Fractions
" " Neo "

dl-Menthol USP

Menthone

dl-Menthone
Pure

T-Menthone

Menthyl Acetate

Methyl Acetophenone

Methyl Anthranilate Extra

p-Methyl Benzaldehyde

Methyl Cinnamate

α -Methyl Cinnamic Aldehyd

Methyl Coumarin

Methyl Diphenyl Ether

2-Methyl 5-Ethyl-
nonan-1-al

Methyl Eugenol

Methyl Heptenone Synth.

p-Methyl Hydratropic
Aldehyde

*Made in Research Lab.

877240388

1956

Methyl Isoeugenol

Methyl Nonyl Dioxolane

Methyl Octine Carbonate

Methyl Phenyl Acetate

p-Methyl Phenyl Methyl
Carbinol

Methyl Phenyl Propionate

Noskene
Fine Crystals

Musk 1233

Musk Ambrette

Musk Ketone

Musk Tibetene

Musk Xylol
Powder

Musk Zibata

Myristyl Alcohol Special
(Recast Purch. Mat'l.)

Myristyl Alcohol Redist.
Special

877240389

1956

Neofolione

Nerolin

Nopol Acetate

Oakmoss Absolute Resin

Octalactone

N-Octanoyl Ethanolamine

Olibanum Absolute Resin

Opoponax Absolute Resin

Oil Bitter Orange
Ten Fold

Oil Orange Florida
Five Fold - Type II

Orange Oil Conc. Forty Fold

Oranger Crystals

Orris Root Powdered

Peach Oil Special

Peru Balsam Abs. Resin

Petitgrain Rectified

877240390

1956

Phenoxy Ethyl Isobutyrate

Phenyl Acetaldehyde W

Phenyl Acetaldehyde
Ethylene Acetal

Phenyl Acetic Acid Dist.
Pure

Phenyl Ethyl Acetate

Phenyl Ethyl Alcohol
Prime
Extra Fine
N.P.

Phenyl Ethyl Anthranilate

Phenyl Ethyl Benzoate

Phenyl Ethyl Butyrate

Phenyl Ethyl Carbinol

Phenyl Ethyl Cinnamate

Phenyl Ethyl Formate

Phenyl Ethyl Isobutyrate

Phenyl Ethyl Isovalerate

Phenyl Ethyl Phenyl
Acetate

Phenyl Ethyl Propionate

877240391

Phenyl Methyl Carbinyl
Acetate

Phenyl Propyl Acetate

Phenyl Propyl Alcohol
N.P.

Phenyl Propyl Aldehyde

Phenyl Propyl Cinnamate

n-Propyl Acetal

d-Pulegone

Pyrolysate A-1993

Pyrolysate Ester

Racemic Acid

Racemic Ester

Raldeine 93

ps. Raldeine A Redist.

Raldeine A

Raldeine D
Primo

Raldeine Gamma Pure

Raldeine Omega

877240392

1956

Rhodinol Extra

Rhodinyll Acetate

Rhodinyll Butyrate

Rhodinyll Formate

Rhodinyll Phenyl Acetate

Rosacetol

Santalol

Santalyl Acetate

Sassafras Artificial K.H.

Satol

Stabilizers

#1 DIP

from Thymol Dist.
N.P.

9-A DIP

9-A E.I.

9-A from Thymol N.P.

D-12

Styrax Absolute Resin

Styrax Resin #10 White

h,

877240393

1956

Terpineol Complete

Extra

Prime

Purch. Mat'l.

Terpinyl Acetate Extra

Terpinyl Acetate Prime

Terpinyl Propionate

β -Tetrahydro Naphthyl

Methyl Ether Crude

Tetrahydro ps. Ionone

Tetrahydro ps. Baldeine D

Thymol N.P.)

N.P.)

Mfg.)

N.P. Mfg.)

Fine Crystals)

Mfg.)

N.P.)

Thymol Technical

Tolu Balsam Absolute

Resin

Tolyl Glyceryl Acetal

γ -Valerolactone

Vanillin (Purchased)

Eugenol

Guaiacol

877240394

1956

Vanillin L

Veratryl Alcohol

Veratrylaldehyde Toch. #1

#3

#4

Versalido

Distilled

Vetiver Acetate

112

Vetiverol

Viridine

m-Xylene Purified

Yara Yara

Ylang Terpeneless

Zingerone

1956

Acetonitrile HLR
Alcohol C-12 Lauric
Ambrogene N.P.
< Anisyl Acetic Acid
Anisyl Alcohol Crude
Anisyl Chloride
Anisyl Cyanide

Benzaldehyde N.F.
Bois de Rose Braz.
Redistilled

Butyl Ketone
Butyl Levulinate
Butyl Xylene

Calcium Malonate
Cedrol Fractions
ps. Cetone V

877240396

1956

Citronellal M

CMP Carbinol

Cyclohexenyl Acetone

Cyclohexyl Propanol

Dehydro Cyclamen Aldehyd

Delagene

Elgene

Ethyl Monochlor Acetate

Hexahydro pseudo Ionol

Hexethamine HLR

pseudo Ionone

Special

Isobutyl Undecylenate

Isopropyl Palmitate Dist

Isopulegol Tech.

877240397

1956

Isosafrole
D
Distilled
Special

Menthol 20
30

Menthol T Crude

Methyl Nonyl Ketone
from Ruco Oil

Methyl Undecylenate

Noncic Acid

Phenyl Acetic Acid
Crude

Phenyl Ethyl Acetal

Phenyl Ethyl Alcohol
for Manufacture

ps. Raldehyde A

ps. Raldehyde D
Special

Safrole
D

877240398

1956

THET

m-Xylene

877240399

CRUDE, DISTILLED and TECHNICAL MATERIAL 1956

1956

Acetophenone Crude

Ambrogene N.P. Crude

Amyl Cinnamic Aldehyde Crude

Amyl Salicylate Crude

Aubepine N. P. Crude (Sold)

Benzophenone Crude

Benzophenone Distilled

Benzyl Acetate Crude

Benzyl Alcohol Crude

Bornyl Acetate F Crude

Butoxy Isosafrole Crude

Butyl Xylene Crude

Cinnamic Alcohol Crude

Cinnamic Aldehyde Crude

p-Cresyl Methyl Ether Crude

Cyclamen Aldehyde Crude

877240400

2. CRUDE, DISTILLED and TECHNICAL MATERIAL

1456

Delachlor Crude

Deltyl Crude

Deltyl Distilled

Dichlorheptane Crude

Dichloroctane Crude

Dihydro Terpineol Crude

Elgene Crude

Ethyl Monochlor Acetate Cr

Geraniol Crude M

Geraniol Prime M Crude
(Sold - 10,881)

Geraniol Pure M Crude

pseudo Ionone Crude

Irisone Alpha N.P. Crude

Irisone Pure Crude
A

877240401

3. CRUDE, DISTILLED and TECHNICAL MATERIAL

1956

Isobutyl Phenyl Acetate Cr

Isopropyl Palmitate Crude

Laurine Crude

Linalool Braz. Crude

Linalool Extra Braz. Crude

Linalyl Acetate Braz. Crud

Linalyl Acetate TAC Crude

Methyl Acetophenone Crude

Methyl Coumarin Dist.

Methyl Phenyl Acetate Crud

Phenyl Acetaldehyde W Crud

Phenyl Ethyl Alcohol Crude

ps. Raldehyde A Crude

Raldehyde A Crude

877240402

ps. Baldoine D Crude

Baldoine D Crude

Baldoine Omega Crude

Terpinyl Acetate Extra Crude

Terpinyl Acetate Prime Crude

Terpinyl Propionate Crude

Thymol Crude

N. P.

Thymol Distilled

N. P.

Vetiver Acetate Crude

Yara Yara Crude

Yara Yara Distilled

FINISHED GOODS

1957

ACETAL R
 ACETANISOLE
 ACETATE C8
 ACETATE C9
 ACETATE C10
 ACETATE C11
 ACETATE PA
 ACETATE EST PRENE K
 ACETOPHENONE
 ACETYL ISOEUGENOL
 2 ACETYLPHENTHIAZ
 ACONITIC ESTER
 ADONAL
 ALCOHOL C8
 ALCOHOL C9
 ALCOHOL C10
 ALCOHOL C11 UNDEC
 ALDEHYDE C8
 ALDEHYDE C9
 ALDEHYDE C 9 EXTR
 ALDEHYDE C 10
 ALDEHYDE C11 UNDE
 ALDEHYDE C11 UNDI
 ALDEHYDE C12 LAUR
 ALDEHYDE C12 MNA
 ALDEHYDE C14 PURE
 ALD C14 MYRISTIC
 ALDEHYDE C14 SPEC
 ALDEHYDE C16 PURE
 ALDEHYDE C18
 ALLYL CAPROATE
 AMBREINE
 AMBREINE NO 2
 AMIDE HLR
 AMYL BENZOATE
 AMYL BUTYRATE
 AMYLCINNAMIC ALD
 AMYLCINNAMIC ALD
 AMYL FORMATE
 AMYL PHENYLACETAT

877240404

FINISHED GOODS

1957

AMYL PROPIONATE
 AMYL SALICYLATE EX
 AMYL SALICYLATE PR
 ANETHOLE EX 21 DEC
 ANETHOLE USP
 ANISIC ALCOHOL
 ANISOLE
 ANISOLE COMMERCIAL
 ANISYL ACETATE
 AR 1 TERPENELESS
 AUBEPINE B B C
 AUBEPINE NP
 AUBEPINE PRIME
 AURANTHOL PURE
 AZOBZL FOR COMP 19
 BAY OIL TERPLS DEL
 BENZAL GLYCERYL AQ
 BENZOIN ABS RESIN
 BENZOPHENONE
 BENZYL ACETATE EXT
 BENZYL ACETATE COB
 BENZYL ACT PRIME F
 BENZYL ACETATE C
 BENZYL ACETOACETAT
 BENZYL ALC NF
 BENZYL ALCOHOL PER
 BENZYL ALC BULR VA
 BENZYL ALCOHOL TEC
 BENZYL BENZOATE US
 BENZYL BUTYRATE
 BENZYL CINNAMATE
 BENZYL FORMATE
 BENZYL ISOAMYL ETH
 BENZYL ISOBUTYRATE
 BENZYL ISOEUGENOL
 BENZYL ISOVALERATE
 BENZYL LAURATE NO
 N BZL 2 OXAZOLIDON
 BENZYL PHENYLACETA
 BENZYL PROPIONATE

877240405

FINISHED GOODS

1957

BENZYL	SALICYLATE
BERGAMOT	TERPENEL
BIRCHTAR	RECTIFIED
BOR PERU	TERPLS
BOIS DE ROSE	TERP
BORNEOL	CRUDE CRY
BORNYL	ACETATE F
BROMSTYROL	
BUTOXY	SAFROLE
BUTTER	ESTER
BUTYLBENZALDEHYDE	
BUTYL PHENYLACETA	
CAPRONIC	ABS REDI
CAPRONIC	ABS
CAPRONIC	ETHER LI
CAPRYLIC	ACID RED
CAPRICUM	OLEORES
CAPR OLEORE	A 496
CARYACROL	TECHN N
CASTOREUM	ANHYDRO
CASTOREUM	ABS RES
CEDAR	KETONE
CEDARWOOD	OIL REC
CEDRENO	L
CEDRENE	FM CEDL A
CEDRYL	ACETATE BR
CEDRYL	ACETATE DI
CETONE	ALPHA
CETONE	V
CETYL	ALCOHOL NF
CETYL	ALC EX NF C
CETYL	ALC EX NF S
CETYL	ALC EX NF D
CHEMICAL	A 6393
CHEMICAL	A 11974
CHROMITE	CATALYST
CINNAMIC	ALCOHOL
CINNAMIC	ALC PURE
CINNAMIC	ALC SYNT
CINIC	ALC FM STYRA

877240406

FINISHED GOODS

1957

CINNAMIC	ALD	FFC
CINNAMON	LF	OIL R
CINNAMYL	ACETATE	
CINNAMYL	BUTYRATE	
CINNAMYL	CINNAMATE	
CINNAMYL	ISOBUTYR	
CINNAMYL	PROPIONATE	
CINNAMYL	ISOVALER	
CITRAL	PURE	CP
CITRAL	DINE	ACL E
CITRAL	SS	
CITRAL	VS	
CITRONELLAL	PURE	
CITRONELLOL	C	
CITRONELLOL	EXTRA	
CITRONELLOL	PRIME	
CITRONELLOL	SPECI	
CITRONELLOL	SPEC	
CITRONELLOL	SPEC	
CITRONELLYL	ACETA	
CITRONELLYL	BUTYR	
CITRONELLYL	FORMA	
CITRONELLYL	IBUYT	
CITLYL	PROPIONATE	
CIVET	ABSOLUTE	
COMPOUND	ESTER	NO
COMPOUND	19	TECHN
COMPOUND	19	50 K
COMPOUND	NO	30
COMPOUND	NO	207
COMPOUND	NO	1051
CONSTITUENT	NO	1
CONSTITUENT	NO	4
CONSTITUENT	NO	15
CHROMITE	CAT	REACT
PARA	CRESYL	ACETA
P	CRESYL	ISOBUTYR
PARA	CRESYL	LAURA

877240407

FINISHED GOODS

1957

P	CRESYL	ME	ETHER
P	CRESYL	PHENYL	ACT
M	CRESYL	PHENYLACT	
	CUMINIC	ALDEHYDE	
	CUTTING	OIL	STAB
	CYCLAMEN	ALD	EXTRA
	CYCLAMEN	ALDEHYDE	G
	CYCLAMEN	ALD	MP
	CYCL	ALD	65 PCT SPE
	CYCLOHEXYL	ACETONE	
	DEHYDROLILIAL		
	DELTYL	EXTRA	
	DELTYL	EXTRA	NR
	DELTYL	PRIME	
	DIBENZYL	ETHER	
	DIBENZYL	KETONE	
	DIBENZYL	KETONE	TEC
	DIHYDROCOUMARIN		
	DIMETHYLACETOPHENON		
	DIMETHYL	ANTHT	
	DIME	ANTHT	15 3 DEG
	DIMERZL	ACT A	11757
	DIHYDRO	CITLOL	
	2 6	DIMEOCTL	MYRT
	DIPHENYLAMINE	PURF	
	ESTRAGOLE	N P	
	ETHONE		
	ETHYL	AVYL	KETONE
	ETHYL	ANISATE	
	ETHYL	BENZOATE	
	ETHYL	CINNAMATE	
	ETHYL	ISOVALERATE	
	ETHYL	LAURATE	
	ETHYL	LEVULINATE	
	ETHYL	MYRISTATE	
	ETHYL	OENANTHATE	
	PARA	ETHYLPHENOL	
	ETHYL	PELARGONATE	
	ETHYL	PHENYLACETATE	

877240408

FINISHED GOODS

1957

ETHYL SALICYLATE
EUGENOL ACETATE
EUGENOL BAY
EUG C 95 FM CLO LF
EUGENOL EXTRA USP
EUGENOL PRIME USP
FIR BALSAM ABS RESI
1 FL 3 ME 4 6 DINIB
FOLIONE
FURFURYL ACETATE
GALBANUM ABS RESIN
GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC
GERANIOL PR 3 4
GERANIOL PRIME
GERANIOL PURE
GERANIOL STANDARD
GERANIOL FOR SOAP
GERANIUM ACETATE
GERLN ACETATE PRI
GERLN ACT PRI M CU
GERANYL ACETATE EX
GERANYL ACETATE PUR
GERANYL BENZOATE
GERANYL BUTYRATE
GERANYL CAPROATE
GERANYL CAPRYLATE
GERANYL FORMATE
GERANYL PHENYLACT
GERANYL PROPIONATE
GIV TAN
GIV TAN A
GIV TAN B
GLYCERYL MONOMYRT M
GUAIAC 1000 ACETATE
G 4 PURE
G 4 TECH FINE GRIND

877240409

FINISHED GOODS

1957

G 4 TECHNICAL
G 4 40 TECH
G 5
G 5 PURE
G 11
G 11 PURE
G 11 FINE GRIND
G 11 SODIUM SALT
HELIOTROPIN CRYSD
HELIOTROPIN OIBT
HELIOTROPIN RECHYSO
HELIOTROPIN 34
HEPTYL ISOBUTYRATE
O N HEPTYLPHENOL
HEXAHYDROPSIONONE
HEXYL BENZOATE
HYDRATROPIC ALDEHYD
HYDRATROPIC ALD OM
HYDROXYCITRAL OM A
HYDROXYCITRONELLOL
INDOLE PURE
INDOLE TECHNICAL
IRIBONE ALPHA
IRIBONE A EX WHITE
IRIBONE BETA
IRIBONE BETA PURE
IRIBONE BETA VP
IRIBONE BIS
IRIBONE COMPLETE
IRIBONE PURE
IRIS FOR SOAP BIS
ISOAMYL ETHER
ISOBORNYL ACETATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL CINNAMATE
ISOBUTYL PHENYLACT
ISOBUTYL SALICYLATE
ISOFUGENOL

877240410

FINISHED GOODS

1957

ISOEUGENOL BAY
 ISOEUGENOL EXTRA
 ISOEUG PHENYLACT
 P ISOPROPYLPHENOL
 ISOPULEGOL ACETATE
 ISOPULEGOL M
 ISOPULEGOL M EXTRA
 ISOPULEGOL PURFD
 ISOPULEGOL TAC
 ISOTHYMOL
 ISOVALERIC ALDEHYD
 JASMONYL
 JASMONYL OCA
 JUNOX M O
 JUNOX
 KETONAROME
 KETONAROME POWDER
 LABDANUM ABS RES
 LABDANUM RESIN CL
 LAURINE 100 PCT
 LAURINE EX 100 PCT
 LAURINE STABILIZED
 LAVE SPIKE TERPLS
 LAVE SPIKE ACYTO
 LAVE SPIKE TERPS
 LAVA ACYTO TERPLS
 LEMON OIL FIVE FO
 LILIAL
 LILIAL EXTRA
 LILLOL EXTRA GD
 LIME OIL 5 X TYPE
 LINALOOL BRAZILIAN
 LINALOOL EX BRAZIL
 LINALOOL PURISSIME
 LINALYL ACT 75 PCT
 LINALYL ACT 87 PCT
 LINALYL ACT 92 PCT
 LINALYL ACETATE P
 LINALYL ACT 95 97 P

877240411

FINISHED GOODS

1957

LINALYL ACETATE TAG
 LINALYL BENZOATE
 LINALYL BUTYRATE
 LINALYL FORMATE
 LINALYL ISOBUTYRATE
 LINALYL PROPIONATE
 MATE ABSOLUTE RESIN
 MELONAL
 MENTHANYL ACETATE
 MENTHOL C PURIFIED
 MENTHOL USP LAEVO
 MENTHOL USP RAC EX
 MENTHOL USP RACEMIC
 MENTHOL 20 NON USP
 MENTHONE
 MENTHONE RAC PURE
 MENTHONE P INV
 MENTHYL ACETATE N P
 MENTHYL ACETATE
 METHYLACETOPHENONE
 METHYL ANISATE
 METHYL ANTHR EX
 METHYL BENZOATE FFO
 P METHYLBENZALD
 METHYL CINNAMATE
 A METHYLCINNAMIC AL
 METHYLCOUMARIN
 G ME 3 4 DIHYDROCOU
 A ME CYCLXNYL ACROL
 METHYL DIPHENYL ETH
 2 ME 5 ETNONANAL 1
 METHYLEUGENOL
 MEHEPTENONE SYNTH
 MEHEPTENONE TECH
 METHYL HEXYL KETONE
 P METHYLHYDTP ALD
 METHYLISOEUGENOL
 METHYLNONYLDIOXOLAN
 METHYL OCTINE CARBT

877240412

FINISHED GOODS

1957

ME O MEXY BENZOATE
 ME PHENOXYACETATE
 METHYL PHENYLACETAT
 METHYL PHENYLACT PR
 P METHYLPH ME CARBL
 METHYL PHENYLPROPT
 A ME PHENYLPROPYL AL
 2 METHYLPYRROLIDINE
 MOSKENE
 MOSKENE FINE CRYB
 MUSK AMBRETT 100 PC
 MUSK KETONE
 MUSK TIRETINE
 MUSK XYLLOL
 MUSK XYLLOL POWDERED
 MUSK ZIRATA
 MYRISTYL ALCOHOL
 MYRISTYL ALC SPEC C
 MYRISTYL ALC SPEC S
 MYRRH ABSOLUTE RESI
 NE OF OLIONE
 NEROLIN CRYSTALS
 OAKMOSS ABSOLUTE RE
 OAKMOSS CRYSTALS
 GAMMA OCTALACTONE
 OCTYL BUTYRATE
 OLIBANUM ABS RES
 OPOPONAX ABS RES
 ORANGE OIL FL 5 X
 ORANGE OIL FL 5 X 2
 ORANGER CRYSTALS
 ORRIS RT FLOH NF PO
 PEACH OIL SPECIAL
 PERU BALSAM ANHYDRUL
 PERU BALSAM ABS RE
 PETITGRAIN OIL RECT
 PETI TERPS ACYTO
 PETI OIL TERPLS FX
 PHENOXYETHYL TRUYT

877240413

FINISHED GOODS

1957

PHENYLACETALD PURE
 PHACETALD ETN AGL
 PHENYLACTE ACID DIS
 PHENYLACTE ACID PUR
 PHENYL BENZOATE
 PHENYLETHYL ACETATE
 PHENYLETHYL ALCOHOL
 PHENYLETHYL ALC NP
 PHENYLETHYL ALC EX
 PHENYLETHYL ALC PRI
 PHENYLETHYL ANTH
 PHENYLETHYL BENZOAT
 PHENYLETHYL BUTYRAT
 PHENYLETHYL CARBINOL
 PHENYLETHYL CINT
 PHENYLETHYL FORMATE
 PHENYLETHYL IBUYT
 PHENYLETHYL IVALT
 PHENYLETH PHENYLACT
 PHENYLETHYL PROPT
 PHENYLETHYL RALT
 PHENYLPHOPYL ACETAT
 PHENYLPROPYL ALCOHO
 PHENYLPROPYL ALD
 PHENYLPROPYL CINT
 PINACOL
 NORMAL PROPYL ACETA
 PROPYL CAPROATE
 PROTAL
 PROTAL NOT STAND
 PULEGONE
 D PULEGONE
 PYROLYSATE ESTER
 PYROLYSATE A 1993
 PSEUDORALDEINE A RE
 RACEMIC ACID
 RACEMIC ESTER
 RALDEINE A
 RALDEINE AS NO 2 G

877240414

FINISHED GOODS

1957

RALDEINE	D	EXTRA
RALDEINE	D	
RALDEINE	GAMMA	PURE
RALDEINE	OMEGA	
RALDEINE	D	PRIME
RALDEINE	93	
RHODINOL	EXTRA	
RHODINYL	ACETATE	
RHODINYL	BUTYRATE	
RHODINYL	FORMATE	
RHODINYL	PHENYLACT	
ROSACETOL		
ROSMARY	TERPLS	A495
SANTALOL		
SANTALYL	ACETATE	
SASSAFRAS	ARTI	KH
SATOL		
SATOL	PRIME	
SOLVENT	F	
STABILIZER	NO	1
STABILIZER	NO	1 DIP
STABILIZER	NO	9A
STABILIZER	NO	9A DI
STABILIZER	NO	9A EI
STABILIZER	D	12
STYRAX	ABSOLUTE	RES
STYRAX	RESIN	NO 10
SUNSCREEN	NO	2
SUNSCREEN	NO	5
TERENOL	(Moussol)	
TERPINEOL	EXTRA	
TERPINEOL	PRIME	
TERPINOLENE	P	
BETA TERPINYL	ACT	
TERPINYL	ACETATE	EX
TERPINYL	ACETATE	PR
TERPL	ACT	PRI NO 2
TERPINYL	PROPIONATE	
TETRAHYDROPSIDNONE		

877240415

FINISHED GOODS

1957

TETRAHYDROLINALOOL
TETHYPSRALDEINE D
THNME CRUDE
THYMOL NF FINE CRY
THYMOL NF COMMERCI
TOLU BALSAM ABS RE
TOBACCO OLEORESIN
TOLYLACETALDEHYDE
TOLYL ALDEHYDE
TOLYL GLYCERYL AC
UNDECYLENIC ACID
GAMMA VALEROLACTON
VANILLIN 100 PCT
VANILLIN CRUDE
VANILLIN USP
VANILLIN YELLOW
VERATRYL ALD TECH
VERSALIDE
VERSALIDE DISTILLE
VETIVEROL
VETIVER RECTIFIED
VETIVER ACETATE M
VETIVER ACT 112
VIRIDINE
META XYLENE PURIFI
YARA YARA
YLANG YLANG TERPLE
ZINGERONE

877240416

INTERMEDIATES

1957

ACETONITRILE HLR
 AMBROGENE NP
 ANISYL ALCOHOL CRI
 ANISYLACETIC ACID
 ANISYL CHLORIDE
 ANISYL CYANIDE
 BENZALDEHYDE NF
 BSR REDISTILLED
 BUTYL KETONE
 BUTYL LEVULINATE
 BUTYLXYLENE
 CALCIUM MALONATE
 CEDROL PRIME
 CITRONELLAL
 CMP CARBINOL
 CUMINIC ALDEHYDE
 CYCLAMEN ALCOHOL
 CYCLOHEXYLACETO
 PARA CYMENE
 UCA
 DELAGENE
 ELGENE
 ET MONOCHLOROACET
 G 4 TECH FOR G 4
 HEXALDEHYDE
 HEXETHAMINE HLR
 IRISONE CRUDE A
 ISOBUTYRYL CHLORI
 ISOPROPYL PALMT D
 ISOPULEGOL TECHN
 ISOSAFROLE D
 ISOSAFROLE
 ISOSAFROLE SPECIAL
 ISOSAFROLE DIST
 LAURYL ALCOHOL
 LEMONGRASS OIL REI
 LINALOOL BRAZILIA
 MENTHOL T CRUDE
 MENTHOL 20. NON US

877240417

INTERMEDIATES

1957

MENTHOL RAC NON US
 ME ANTHRANILIC ACI
 M N K FROM RUE OIL
 METHYL NONYL KETON
 METHYL UNDECYLENAT
 NONOIC ACID PURE
 PHENYLACETIC ACID
 PHENYLETHYL ACETAL
 PHENYLETHYL ALCOHO
 PSEUDOCETONE Y
 PSEUDOIONONE
 PSEUDOIONONE SPECI
 PSEUDORALDEINE A
 PSEUDORALDEINE D
 3 AFROLE
 SAFROLE D
 TMET
 META XYLENE

877240418

CRUDES DISTILLED & TECHNICAL

1957

ALCOHOL C 9	CRUDE
AMROGENE NP	CRUDE
AMYL CINNAMIC	ALD CD
AMYL SALICYLATE	CU
AUBEPINE NP	CRUDE
AZO BENZOL	CRUDE
BENZOPHENONE	CRUDE
BENZOPHENONE	DIST
BENZOPHENONE	TECH
BENZYL ACETATE	CRUDE
BUTOXY INDOSAFROLE	CU
BUTYLXYLENE	CRUDE
CINNAMIC ALCOHOL	CD
CINNAMIC ALDEHYDE	CD
CITLOL EXTRA	CRUDE
P CRESYL ME ETHER	CU
CUMINYL CHLORIDE	CD
CYCLAMEN ALDEHYDE	CD
DELACHLOR	CRUDE
DELTYL	CRUDE
DELTYL	DISTILLED
DIMHYDROTERPINEOL	CD
DIMETHYLACETOPH	CU
ELGENE	CRUDE
ETHYL MCLACETATE	CD
GERANIOL	CRUDE
GERANIOL PRIME	M CD
GERANIOL PURE	M CU
IRISONE ALPHA	CRUDE
IRISONE PURE	CRUDE
ISUTL PHENYLACT	CU
ISOPROPYL PALMT	CU
LAURINE	CRUDE
LINALOOL BRAZ	CD
LINALOOL EX BRAZ	CD
LINALYL ACT BRAZ	CD
MENTHOL	CRUDE
METHYLACETOPH	CD
METHYLCOUMARIN	DIST
PHENYLACETALD	CRUDE

877240419

CRUDES DISTILLED & TECHNICAL

1957

PHENYLETHYL	ALC	CD
PSEUDOIONONE	CRUDE	
PSEUDORALDEINE	A	CD
PSEUDORALDEINE	O	CD
RALDEINE	A	CRUDE
RALDEINE	O	CRUDE
RALDEINE	OMEGA	CRUDE
SODA CAU	LIN	30 PCT
TERPINYL	ACT	EX CD
TERPINYL	ACT	PRI CD
TERPINYL	PROPT	CD
THYMOL	CRUDE	
THYMOL	MP	CD NO 1&2
THYMOL	DISTILLED	
VETIVER	RECTIFIED	
VETIVERT	ACETATE	CD
YARA YARA	CRUDE	
YARA YARA	DISTILLED	

877240420

FINISHED GOODS

1958

ACETAL R
 ACETANISOLE
 ACETATE C8
 ACETATE C9
 ACETATE C10
 ACETATE C11
 ACETATE PA
 ACET EST PRENE KET
 ACETOPHENONE
 ACETYL 180EUGENOL
 2 ACETYLPHENTHAZINE
 ADOXAL
 ALCOHOL C8
 ALCOHOL C9
 ALCOHOL C10
 ALCOHOL C11 UNDEC.
 ALDEHYDE C8
 ALDEHYDE C9
 ALDEHYDE C9 EXTRA
 ALDEHYDE C10
 ALDEHYDE C11 UNDEC
 ALDEHYDE C11 UNDEC
 ALDEHYDE C12 LAURIC
 ALD C12 LAURIC COPAR
 ALDEHYDE C12 MNA
 ALDEHYDE C14 PURE
 ALD C14 MYRISTIC
 ALDEHYDE C16 N P
 ALDEHYDE C16 PURE
 ALDEHYDE C18
 ALLYL CAPROATE
 AMBREINE
 AMIDE HLR
 AMYL BENZOATE
 AMYL BUTYRATE
 AMYLCINNAMIC ALD
 AMYLCINNAMIC ALD PRI
 AMYL FORMATE

877240421

FINISHED GOODS

1958

AMYL PHENYLACETATE
 AMYL PROPIONATE
 AMYL SALICYLATE EX
 AMYL SALICYLATE PRI
 ANETHOLE USP
 ANISIC ALCOHOL
 ANIBOLE
 ANIBOLE COMMERCIAL
 ANIBYL ACETATE
 AR 1 TERPENELESS
 AUBEPINE B S C
 AUBEPINE NP
 AUBEPINE PRIME
 AUBEPINE PRIME REWD
 AURANTHOL PURE
 BAY OIL TERPLS DELA
 B C N B TECHNICAL
 BENZAL GLYCERYL ACL
 BENZOIN ABS RESIN
 BENZOPHENONE
 BENZYL ACETATE EXTRA
 BENZYL ACETATE COEUR
 BENZYL ACT PRIME FFC
 BENZYL ACETATE C
 BENZYL ACETOACETATE
 BENZYL ALCOHOL EK
 BENZYL ALCOHOL N F
 BENZYL ALC PERFUMERY
 BENZYL BENZOATE USP
 BENZYL BUTYRATE
 BENZYL CINNAMATE
 BENZYL FORMATE
 BENZYL ISOAMYL ETHER
 BENZYL ISOBUTYRATE
 BENZYL ISOEUGENOL
 BENZYL ISOVALERATE
 BENZYL LAURATE MD
 BENZYL PHENYLACETATE

877240422

FINISHED GOODS

1958

BENZYL PROPIONATE
 BENZYL SALICYLATE NP
 BERGAMOT TERPENELESS
 BIRCHTAR RECTIFIED
 BDR PERU TERPLS
 BOIS DE ROSE TERPLS
 BDR QS SUBST BULK
 BDR FR BULK 1956
 BDR Q 9
 BORNEOL CRUDE CRY
 BORNYL ACETATE F
 BROMSTYROL
 BUTOXY SAFROLE
 BUTTER ESTER
 BUTYL PHENYLACETATE
 CAPRONIC ABSOLUTE
 CAPRONIC ETHER LIGHT
 CAPRYLIC ACID REDIST
 CAPSICUM OLN A4961 2
 CARVACROL PRIME
 CARVACROL TECHN NP
 CASTOREUM ABS RESIN
 CEDAR KETONE
 CEDARWOOD OIL RES
 CEDARWOOD OIL RECTFD
 CEDROL BRUT
 CEDRYL ACETATE BRUT
 CEDRYL ACETATE DIST
 CETONE V
 CETYL ALC EX NF CUBE
 CETYL ALC EX NF SLAB
 CHEMICAL A 6293
 CHEMICAL A 11974
 CINNAMIC ALCOHOL PRI
 CINNAMIC ALC PURE
 CINC ALC FM BTYRAX
 CINNAMIC ALD FFC
 CINNAMON LF OIL RED

877240423

FINISHED GOODS

1958

CIN LF FRS BULK 1955
 CINNAMYL ACETATE
 CINL ANTHRANILATE
 CINNAMYL BUTYRATE
 CINNAMYL CINNAMATE
 CINNAMYL ISOBUTYRATE
 CINNAMYL PROPIONATE
 CINNAMYL ISOVALERATE
 CITRAL FR DETERTU
 CITRAL PURE CP
 CITRAL DIME ACL EX
 CITRAL S8
 CITRAL V8
 CITRAL DIME ACL
 CITRONELLOL C
 CITRONELLOL EXTRA
 CITRONELLOL PRIME
 CITRONELLOL SPECIAL
 CITRONELLOL SPEC MFG
 CITRONELLOL SPEC N
 CITRONELLYL ACETATE
 CITRONELLYL BUTYRATE
 CITRONELLYL FORMATE
 CITLYL ISO BUTYRATE
 CITLYL PROPIONATE
 CIVET ABSOLUTE
 COMPOUND ESTER NO 1
 COMPOUND 19 TECHN
 COMPOUND 19 50 K
 COMPOUND NO 30
 COMPOUND 30 SPECIAL
 COMPOUND 207 SPECIAL
 COMPOUND NO 1051
 COMPOUND NO 1186
 CONSTITUENT NO 1
 CONSTITUENT NO 4
 CONSTITUENT NO 15
 P CRESOL PURIF

877240424

FINISHED GOODS

1958

PARA CRESYL ACETATE
 P CRESYL 180 BUYT PG
 P CRESYL 180 BUTYRATE
 P CRESYL ME ETHER
 P CRESYL PHENYL ACT
 PCRESYL PHENYLACT EX
 M CRESYL PHENYLACT
 CUMINYL ACETALDEHYDE
 CUTTING OIL STAB
 CYCLAMEN ALD EXTRA
 CYCLAMEN ALDEHYDE GD
 CYCLAMEN ALDEHYDE PG
 CYCLAMEN ALD NP
 CYCL ALD 65 PCT SPEC
 CYCLOHEXYLACETONE
 DELPHENONE
 DELTYL EXTRA
 DELTYL EXTRA NP
 DELTYL PRIME
 DIBENZYL
 DIBENZYL KETONE
 DIHYDROCOUMARIN
 DIHYDRO SAFROL PURE
 DIMETHYLACETOPHENONE
 DIMETHYL ANTHT
 DIMEBZL ACT A 11757
 DIME BZLCARBINYL ACT
 DIHYDRO CITLOL
 DIPHENYLAMINE PURF
 ESTRAGOLE N P
 ETHONE
 ETHYL AMYL KETONE
 ETHYL ANISATE
 ETHYL BENZOATE
 ETHYL CINNAMATE
 ETHYL LAURATE
 ETHYL LEVULINATE
 ETHYL MYRISTATE

877240425

FINISHED GOODS

1958

PARA ETHYLPHENOL
 ETHYL PELARGONATE
 ETHYL PHENYLACETATE
 ETHYL SALICYLATE
 EUGENOL ACETATE
 EUGENOL BAY
 EUG TERP8 BULK 1955
 EUG C 95 FM CLO LF
 EUGENOL EXTRA USP
 EUGENOL PRIME USP
 FIR BALSAM ANHYDROL
 FIR BALSAM ABS RESIN
 1 FL 3 ME 4 6 DINIBZ
 FURFURYL ACETATE
 GALBANUM ABS RESIN
 GARDENOL
 GERALLOL PRIME
 GERALLOL EXTRA
 GERALLOL H C
 GERANIOL PR 3 4
 GERANIOL PRIME
 GERANIOL PURE
 GERANIOL STANDARD
 GERANIOL FOR SOAP
 GERL TERP8 BULK 1957
 GERLN ACETATE PRI
 GERLN ACT PRI M CD
 GERANYL ACETATE EX
 GERANYL ACETATE PURE
 GERANYL BENZOATE
 GERANYL BUTYRATE
 GERANYL CAPROATE
 GERANYL CAPRYLATE
 GERANYL FORMATE
 GERANYL PHENYLACT
 GERANYL PROPIONATE
 GERANYL PRT REWORK
 GIV TAN

877240426

FINISHED GOODS

1958

GIV TAN A
 GIV TAN B
 GIV TAN F
 GUAIOL ACETATE CRUDE
 GUAIACWOOD ACT EXTRA
 GUAIACOL PHENYLACT
 G 4 PURE
 G 4 TECH MICRONIZED
 G 4 TECH FINE GRIND
 G 4 TECHNICAL
 G 4 40 TECH
 G 11
 G 11 FINE GRIND
 HELIOTROPIN CRYSD
 HELIOTROPIN DIST
 HELIOTROPIN RECHYSD
 HELIOTROPIN 34
 O N HEPTYLPHENOL
 HEXAHYDROPSIONONE
 HEXYL BENZOATE
 HYDRATROPIC ALDEHYDE
 HYDRATROPIC ALD DM A
 HYDROXYCITRAL DM A
 HYDROXYCITRONELLOL
 INDOLE PURE
 INDOLE TECHNICAL
 IRIS ALDEHYDE PURE
 IRISONE ALPHA
 IRISONE A EX WHITE
 IRISONE BETA
 IRISONE BETA PURE
 IRISONE BETA VP
 IRISONE BIS
 IRISONE COEUR
 IRISONE PURE
 ISOBORNYL ACETATE
 ISOBUTYL BENZOATE
 ISOBUTYL CAPROATE

877240427

FINISHED GOODS

1958

180BUTYL PHENYLACT
 180BUTYL SALICYLATE
 180EUGENOL
 180EUGENOL BAY
 180EUGENOL EXTRA
 180EUG PHENYLACT
 P 180PROPYLPHENOL
 180PULEGOL ACETATE
 180PULEGOL M
 180PULEGOL M EXTRA
 180SAFROLE DIST
 180THYMOL
 180VALERIC ALDEHYDE
 JASMONYL
 JASMONYL O C A
 JUNOX
 KETONAROME
 KETONAROME POWDERED
 LABDANUM ABS RES
 LAURINE 100 PCT
 LAURINE EX 100 PCT
 LAURINE STABILIZED O
 LAVE SPIKE TERPLS
 LAVE TERPLS YC
 LAVE SPIKE ACYTD TER
 LAVA ACYTD TERPLS
 LAVA TERPLS ACYTD
 LEMON OIL FIVE FOLD
 LILIAL
 LILOL EXTRA GD
 LIME OIL 5 X TYPE 2
 LIME OIL WASHED
 LINALOOL PERUVIAN
 LINALOOL BRAZILIAN
 LINALOOL EX BRAZIL
 LINALOOL PURISSIME
 LINALYL ACT 75 PCT
 LINALYL ACT 87 PCT

877240428

FINISHED GOODS

1958

LINALYL ACT 92 PCT
 LINALYL ACT PERU
 LINALYL ACETATE P
 LINALYL ACT 96 97 PCT
 LINALYL BENZOATE
 LINALYL BUTYRATE
 LINALYL FORMATE
 LINALYL ISOBUTYRATE
 LINALYL PROPIONATE
 MANDARIN OIL TERPLS
 MARANIOL
 MATE ABSOLUTE RESIN
 MELONAL
 MENTHANYL ACETATE
 MENTHOL USP RACEMIC
 MENTHOL 20 NON USP
 MENTHONE
 MENTHONE RAC PURE
 MENTHONE P INV
 MENTHONE NO 30
 MENTHYL ACETATE N P
 MENTHYL ACETATE
 METHYLACETOPHENONE
 METHYL ANISATE
 METHYL ANTHR EX
 P METHYLBENZALD
 METHYL CINNAMATE
 A METHYLCINNAMIC ALD
 METHYL COUMARIN
 6 ME 3 4 DIHYDROCOUM
 A ME CYCLXNYL ACROLN
 METHYL DIPHENYL ETH
 ME DIPHENYL ETH PG
 2 ME 5 ETNONANAL 1
 METHYLEUGENOL
 MEHEPTENONE SYNTH
 METHYL HEXYL KETONE
 P METHYLHYDTP ALD

877240429

FINISHED GOODS

1758

METHYLISOEUGENOL
 ME NONYL KETONE RED
 METHYLNONYLDIOXOLANE
 ME O MEXY BENZOATE
 ME PHENOXYACETATE
 METHYL PHENYLACETATE
 METHYL PHENYLACT PRI
 P METHYLPH ME CARBL
 METHYL PHENYLPROPT
 A ME PHENYLPROPYL ALD
 2 METHYLPYRROLIDINE
 MOSKENE
 MOSKENE FINE CRYST
 MUSK AMBRETT 100 PCT
 MUSK KETONE
 MUSK TIBETENE
 MUSK XYLOL
 MUSK ZIBATA
 MYRISTYL ALCOHOL RED
 MYRISTYL ALC SPEC
 MYRISTYL ALC SPEC CU
 MYRISTYL ALC SPEC SL
 MYRRH ABSOLUTE RESIN
 NEROLIN CRYSTALS
 NERONE
 NOPOL ACETATE
 OAKMOSS ABSOLUTE RE
 GAMMA OCTALACTONE
 OCTYL BUTYRATE
 OLIBANUM ABS RES
 OPOPONAX ABS RES
 ORANGE OIL FL 5 X
 ORANGER CRYSTALS
 ORRIS RT FLOR NF POW
 PALMITIC ACID PURI
 PEACH OIL SPECIAL
 PERU BALSAM ANHYDROL
 PERU BALSAM ABS RE

877240430

FINISHED GOODS

1958

PETI OIL RECTIFIED
 PETI TERPS ACYTD
 PETI OIL TERPLB EX
 PHENOXYETHYL IBUYT
 PHENYLACETALD PURE
 PHACETALD ETN ACL
 PHENYLACTC ACID DIST
 PHENYLACTC ACID PURE
 PHENYLETHYL ACETATE
 PHENYLETHYL ALCOHOL
 PEA COEUR
 PHENYLETHYL ALC EX F
 PHENYLETHYL ALC PRI
 PHENYLETHYL ANTHT
 PHENYLETHYL BENZOATE
 PHENYLETHYL BUTYRATE
 PHENYLETHYL CARBINOL
 PHENYLETHYL CINT
 PHENYLETHYL FORMATE
 PHENYLETHYL IBUYT
 PHENYL ETHYL IVALT
 PHENYLETHYL METHACT
 PH ETHYL PH ACETATE
 PHENYLETHYL PROPT
 PHENYLETHYL SALT
 PHENYLPROPYL ACETATE
 PHENYLPROPYL ALCOHOL
 PHENYLPROPYL ALD
 PHENYLPROPYL CINT
 PHENYLPROPYL FORMATE
 PEPERITONE
 NORMAL PROPYL ACETAL
 PROPYL CAPROATE
 PG MONOMYRISTATE
 PROTAL
 PROTAL NOT STAND
 PULEGONE
 D PULEGONE

877240431

FINISHED GOODS

1958

PYROLYSATE ESTER
PSEUDORALDEINE A RED.
RACEMIC ACID
RACEMIC ESTER
RALDEINE A
RALDEINE AS NO 2 G
RALDEINE D EXTRA
RALDEINE D
RALDEINE GAMMA PURE
RALD GAMMA PURE N P
RALDEINE OMEGA
RALDEINE D PRIME
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL
RHODINYL ACETATE
RHODINYL BUTYRATE
RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACETOL
ROSMARY TERPL9 A4958
SANTALOL
SANTALYL ACETATE
SASSAFRAS ARTI KH
SATOL DELA
SATOL PRIME
SOLVENT F
STABILIZER NO 9A DIP
STABILIZER 9A EI
STYRAX ABSOLUTE RE
STYRAX RESIN NO 10
SUNSCREEN NO 2
SUNSCREEN NO 5
TERENOL
TERPINEOL EXTRA
TERPINEOL PRIME
TERPINOLENE P

* The sales of this product were talking

877240432

FINISHED GOODS

1958

TERPINYL ACETATE EX
 TERPINYL ACETATE PRI
 TERPINYL PROPIONATE
 TETRAHYDROPSIONONE
 TETRAHYDROLINALOOL
 THYMOL NF
 THYMOL NF FINE CRYST
 THYMOL NF LARGE CRYST
 THYMOL NF COMMERCIAL
 TOLU BALBAM ABS RES
 TOBACCO OLEORESIN
 TOLYLACETALDEHYDE
 TOLYL GLYCERYL ACL
 GAMMA VALEROLACTONE
 VERATHYL ALD TECH 1
 VERSALIDE
 VERSALIDE DISTILLED
 VETIVEROL
 VETIVER ACETATE MD
 VETIVER ACT 112
 VETIVER RECTD SPEC
 VIRIDINE
 PARA XYLENE TECH
 YARA YARA
 YLANG YLANG TERPLS
 ZINGERONE

877240433

INTERMEDIATE 8

1958

ACETONITRILE HLR
 AMBROGENE NP
 ANISYL ALCOHOL CRUDE
 ANISYLACETIC ACID
 ANISYL CHLORIDE
 ANISYL CYANIDE
 BDR REDISTILLED
 BORNYL GUAIACOL
 BUTYLBENZALDEHYDE
 BUTYL KETONE
 BUTYL LEVULINATE
 BUTYLXYLENE
 CALCIUM MALONATE
 CEDROL PRIME
 CHROMITE CATALYST
 CINNAMIC ACID PURE
 CINNAMIC ALD FOR MFG
 CITRONELLAL
 CLOVE LEAF OIL RED
 CUMINIC ALDEHYDE
 CYCLAMEN ALCOHOL
 CYCLOHEXENYLACETONE
 DCA
 DEHYDRO LILIAL
 DELAGENE
 ELGENE
 ET MONOCHLOROACETATE
 GIV TAN DISTILLED
 G 4 TECH FOR G4 40
 HEXALDEHYDE
 HEXETHAMINE HLR
 ISOBU UNDECYLENATE
 ISOBUTYRYL CHLORIDE
 ISOPULEGOL TECHNICAL
 ISOSAFROLE
 LAURYL ALCOHOL
 LEMONGRASS OIL RED
 MENTHOL T CRUDE

877240434

INTERMEDIATES

1958

MENTHOL RAC NON USP
ME ANTHRANILIC ACID
METHYL NONYL KETONE
NONOIC ACID PURE
PHENYLACETIC ACID CO
PHENYLETHYL ACETAL
PSEUDOCETONE V
PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE SPECIAL
PSEUDORALDEINE A
PSEUDORALDEINE D
SAFROLE
HYMOL NF FOR MFG
MET
META XYLENE

877240435

CRUDES DISTILLED & TECHNICAL

1958

ACETATE	C12		
ALCOHOL	C 9	CRUDE	
AMBROGENE	NP	CRUDE	
AMYL CINNAMIC	ALD	CD	
AMYL SALICYLATE	CD		
AUBEPINE	NP	CRUDE	
BENZOPHENONE		CRUDE	
BENZOPHENONE	DIST		
BENZOPHENONE	TECH		
BENZYL ACETATE		CRUDE	
BUTYLXYLENE		CRUDE	
CINNAMIC ALCOHOL		CD	
CINNAMIC ALDEHYDE		CD	
CITRONELLOL	EX	CD	
DELACHLOR		CRUDE	
DELTYL		CRUDE	
DELTYL	DISTILLED		
DIBENZYL KETONE		TECH	
DIHYDROTERPINEOL		CD	
ELGENE		CRUDE	
ETHYL MCLACETATE		CD	
GERANIOL		CRUDE	
GERANIOL PRIME	M	CD	
GERANIOL PURE	M	CD	
IRIBONE ALPHA		CRUDE	
IRIBONE PURE		CRUDE	
IBUTL PHENYLACT		CD	
ISOPROPYL PALMT		CD	
ISOPROPYL PALMT		DIST	
LAURINE		CRUDE	
LINALOOL BRAZ		CD	
LINALOOL EX BRAZ		CD	
LINALYL ACT BRAZ		CD	
LINALYL ACT PERU		CD	
LINALYL ACT TAC		CD	
MENTHOL		CRUDE	
METHYLCOUMARIN		DIST	
PHENYLACETALD		CRUDE	

877240436

CRUDES DISTILLED & TECHNICAL

1958

PHENYLETHYL ALC CD
 PH PR ALC CD
 PSEUDOIONONE CRUDE
 PSEUDORALOEINE A CD
 PSEUDORALDEINE D CD
 RALDEINE A CRUDE
 RALDEINE D CRUDE
 RALDEINE OMEGA CD
 TERPINYL ACT EX CD
 TERPINYL ACT PRI CD
 TERPINYL PROPT CD
 THYMOL NP CD NO 1&2
 THYMOL DISTILLED
 VETIVER RECTIFIED
 VETIVER ACETATE CD
 VIRIDINE CRUDE
 PARA XYLENE CRUDE
 YARA YARA CRUDE
 YARA YARA DISTILLED

877240437

ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION
ACETAL R
ACETANISOLE
ACETATE C8
ACETATE C9
ACETATE C10
ACETATE C11
ACETATE C12
ACETATE PA
ACETESTPRENEKET
ACETOPHENONE
ADOXAL
ALCOHOL C8
ALCOHOL C9
ALCOHOL C10
ALCOHOL C11 UNDEC
ALDEHYDE C8
ALDEHYDE C9
ALDEHYDE C10
ALDEHYDE C11 UNDEC
ALDEHYDE C11 UNDEC
ALDEHYDE C12 LAURIC
ALDEHYDE C12 MNA
ALD C12 MNA EXTRA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC
ALDEHYDE C16 NP
ALDEHYDE C16 PURE
ALDEHYDE C18
ALLYL CAPROATE
AMBRELINE
AMIDE HLR
AMYL BENZOATE
AMYL BUTYRATE
AMYL CINNAMIC ALD
AMYL CINNAMIC ALD PRI
AMYL FORMATE
AMYL PHENYLACETATE
AMYL PROPIONATE
AMYL SALICYLATE EX
AMYL SALICYLATE PRI
TOTALS

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FINISHED GOODS

DESCRIPTION
ANETHOLE USP
ANISIC ALCOHOL
ANISOLE
ANISOLE COMMERCIAL
ANISYL ACETATE
AR 1 TERPENELESS
AUBEPINE BISUL COMP D
AUBEPINE NP
AUBEPINE PRIME
AURANTIOL PURE
BAY OIL TERPLS DELA
B C N B TECHNICAL
BENZAL GLYCERYL ACL
BENZOIN ABS RESIN
BENZOPHENONE
BENZYL ACETATE EXTRA
BENZYL ACETATE COEUR
BENZYL ACT PRIME FFC
BENZYL ACETATE C
BENZYL ACETOACETATE
BENZYL ALCOHOL EK
BENZYL ALCOHOL N F
BENZYL ALC PERFUMERY
BENZYL BENZOATE USP
BENZYL BUTYRATE
BENZYL CINNAMATE
BENZYL FORMATE
BENZYL ISOAMYL ETHER
BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL
BENZYL ISOVALERATE
BENZYL LAURATE MD
BENZYL PHENYLACETATE
BENZYL PROPIONATE
BENZYL SALICYLATE NP
BERGAMOT TERPENELESS
BIRCHTAR RECTIFIED
BDR PERU TERPLS
BDR TERPENELESS D
BDR QS SUBST BULK
TOTALS

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FINISHED GOODS

DESCRIPTION
BDR FR BULK 1956
BDR Q S BULK
BORNEOL CRUDE CRY
BORNYL ACETATE F
BROMSTYROL
BUTOXY SAFROLE
BUTTER ESTER
BUTYL PHENYLACETATE
CAPRONIC ETH ABS
CAPRONIC ETHER LIGHT
CAPRYLIC ACID REDIST
CAPSICUM OLN A4961 2
CARVACROL PRIME
CARVACROL TECH NP
CASTOREUM ABS RESIN
CEDAR KETONE
CEDARWOOD OIL RECTFD
CEDROL BRUT
CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST
CETONE V
CETYL ALC EX NF CUBE
CETYL ALC EX NF SLAB
CETYL ALC DRUM REW
CHEMICAL A 6293
CINNAMIC ALCOHOL PRI
CINNAMIC ALC PURE
CINC ALC FM STYRAX
CINNAMIC ALD FFC
CINC ALD TECH REW
CINNAMON LF OIL RED
CIN LF FR8 BULK
CINNAMYL ACETATE
CINL ANTHRANILATE
CINNAMYL BUTYRATE
CINNAMYL CINNAMATE
CINL CINT REW
CINNAMYL ISOBUTYRATE
CINNAMYL PROPIONATE
CINNAMYL ISOVALERATE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION			
CITRAL	FR	DETERPD	
CITRAL	PURE	CP	
CITRAL	DIME	ACL	EX
CITRAL	SS		
CITRAL	VS		
CITRAL	DIME	ACL	
CITRONELLLOL	C		
CITRONELLLOL	EXTRA		
CITRONELLLOL	PRIME		
CITRONELLLOL	SPECIAL		
CITRONELLLOL	SPEC	MFG	
CITRONELLYL	ACETATE		
CITRONELLYL	BUTYRATE		
CITRONELLYL	FORMATE		
CITRONELLYL	IBUYT		
CITLYL	PROPIONATE		
CIVET	ABSOLUTE		
COMPOUND	ESTER	NO	1
COMPOUND	19	TECH	
COMPOUND	19	50	K
COMPOUND	NO	30	
COMPOUND	30	SPECIAL	
COMPOUND	A	151	
COMPOUND	NO	207	RED
COMPOUND	NO	1051	
COMPOUND	NO	1186	
CONSTITUENT	NO	1	
CONSTITUENT	NO	4	
CONSTITUENT	NO	15	
P	CRESOL	PURFD	
P	PARA CRESYL	ACETATE	
P	CRESYL	ISO	BUYT PG
P	CRESYL	ISOBUTYRATE	
P	CRESYL	ME	ETHER
P	CRESYL	PHENYL	ACT
P	CRESYL	PHACT	EX
M	CRESYL	PHENYLACT	
CUMINYL	ACETALDEHYDE		
CYCL	ALD	GIVCO	
CYCLAMEN	ALD	EXTRA	
TOTALS			

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FINISHED GOODS

DESCRIPTION			
CYCLAMEN ALDEHYDE	GD		
CYCLAMEN ALDEHYDE	PG		
CYCLAMEN ALD	NP		
CYCL ALD	SPEC		
CYCLOHEXYLACETONE			
DELPHENONE			
DELTYL EXTRA			
DELTYL EXTRA	NP		
DELTYL PRIME			
DIBENZYL			
DIBENZYL KETONE			
DIHYDRO CITLLOL			
DIHYDROCOUMARIN			
DIHYDRO SAFROL	PURE		
DIMETHYLACETOPHENONE			
DIMETHYL ANTHT			
DIME BZLCARBINYL	ACT		
DIPHENYLAMINE	PURFD		
ESTRAGOLE	N P		
ETHONE			
ETHYL AMYL KETONE			
ETHYL ANISATE			
ETHYL BENZOATE			
ETHYL CINNAMATE			
ETHYL LAURATE			
ETHYL LEVULINATE			
ETHYL MYRISTATE			
PARA ETHYLPHENOL			
ETHYLPHENYLGGLYCIDATE			
ETHYL PHENYLACETATE			
ETHYL SALICYLATE			
EUGENOL ACETATE			
EUGENOL BAY			
EUG TERPS BULK	1955		
EUG C 95 FM CLO	LF		
EUGENOL EXTRA	USP		
EUGENOL PRIME	USP		
FIR BALSAM ANHYDROL			
FIR BALSAM ABS RESIN			
FURFURYL ACETATE			
TOTALS			

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION	
GALBANUM	ABS RESIN
GARDENOL	
GERALLOL	PRIME
GERALLOL	EXTRA
GERALLOL	H C
GERANIOL	PR 3 4
GERANIOL	PRIME SUB
GERANIOL	PURE
GERANIOL	STANDARD
GERANIOL	FOR SOAP
GERANOLENE	ACT PRIME
GERLN	ACT PRIME M CD
GERANYL	ACETATE PURE
GERANYL	BENZOATE
GERANYL	BUTYRATE
GERANYL	CAPROATE
GERANYL	CAPRYLATE
GERANYL	FORMATE
GERANYL	PHENYLACT
GERANYL	PROPIONATE
GERMIZONE	
GIV	TAN
GIV	TAN A
GIV	TAN B
GIV	TAN F
GUAIACWOOD	ACT EXTRA
GUAIACOL	PHENYLACT
G 4	PURE
G 4	PURE MICRONIZED
G 4	TECH D
G 4	TECH MICRONIZED
G 4	TECH FINE GRIND
G 4	TECH S
G 4	TECHNICAL
G 4	40 TECH
HXCLOPHN	MICRNZED 90
G 11	
G 11	FINE GRIND
G 11	MICRONIZED
HELIOTROPIN	CRYSD
TOTALS	

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION
HELIOTROPIN DIST
HELIOTROPIN RECRYSD
HELIOTROPIN 34
HEXAHYDROPSIONONE
HEXYL BENZOATE
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A
HYDROXYCITRAL DM A
HYDROXYCITRONELLOL
INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE
IRISONE ALPHA N P
IRISONE A EX WHITE
IRISONE BETA
IRISONE BETA PURE
IRIS BETA PURE REW
IRISONE BIS
IRISONE COEUR
IRISONE PURE
ISOBORNYL ACETATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT
ISOBUTYL SALICYLATE
ISOEUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL EXTRA
ISOEUG PHENYLACT
ISOLORAL
ISOPROPYL UNDET
ISOPULEGOL ACETATE
ISOPULEGOL M
ISOSAFROLE DIST
ISOTHYMOL
ISOVALERIC ALDEHYDE
ISO VALERIC ALD REW
JASMONYL
JASMONYL OCA
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION
JUNOX
KETONAROME
KETONAROME POWDERED
LABDANUM ABS RES
LAURINE 100 PCT
LAURINE EX 100 PCT
LAURINE STABILIZED D
LAVE SPIKE TERPLS
LAVE TERPLS YC
LAVE SPIKE ACYTD TER
LAVA ACYTD TERPLS
LAVA TERPLS ACYTD
LEMON OIL FIVE FOLD
LILIAL
LILOL EXTRA GD
LIME OIL 5 X TYPE 2
LIME OIL WASHED
LINALOOL PERUVIAN
LINALOOL BRAZILIAN D
LINOL INTERMEDIATE
LINALOOL FR 8DR
LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME
LINYL ACT INTMEDIATE
LINALYL ACT 75 PCT D
LINYL ACT 75 PCT
LINALYL ACT 87 PCT D
LINYL ACT 92 PCT
LINALYL ACT 92 PCT D
LINALYL ACT IMPT
LINALYL ACT PERU
LINALYL ACETATE P
LINYL ACT 96 97 PC D
LINYL ACT EXTRA
LINALYL BENZOATE
LINALYL BENZOATE REW
LINALYL BUTYRATE
LINALYL FORMATE
LINALYL ISOBUTYRATE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION
LINALYL PROPIONATE
MANDARIN OIL TERPLS
MARANIOL
MATE ABSOLUTE RESIN
MELONAL
MENTHANYL ACETATE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP
MENTHONE
MENTHONE RAC PURE
MENTHONE P INV
MENTHYL ACETATE N P
MENTHYL ACETATE
METHYLACETOPHENONE
METHYL ANISATE
METHYL ANTHRXT EX
P METHYLBENZALD
METHYL CINNAMATE
A METHYLCINNAMIC ALD
METHYLCOUMARIN
6 ME 3 4 DIHYDROCOUM
METHYL DIPHENYL ETH
ME DIPHENYL ETH PG
2 ME 5 ETNONANAL 1
METHYLEUGENOL
MEHEPTENONE SYNTH
METHYL HEXYL KETONE
P METHYLHYDTP ALD
METHYLISOEUGENOL
ME NONYL KETONE RED
METHYLNONYLDIOXOLANE
ME NON DIOX CARBMTE
ME O MEXY BENZOATE
METHYL PHENYLACETATE
METHYL PHENYLACT PRI
P METHYLPH ME CARBL
MOSKENE
MUSK AMBT 100 PCT
MUSK KETONE
MUSK TIBETENE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION
MUSK XYLOL
MUSK ZIBATA
MYRRH ABSOLUTE RESIN
NEROLIN CRYSTALS
NERONE
NOPOL ACETATE
OAKMOSS ABSOLUTE RE
GAMMA OCTALACTONE
OLIBANUM ABS RES
OPOPONAX ABS RES
ORANGE OIL AFR 5 X
ORANGE OIL FL 5 X
ORANGER CRYSTALS
PALMITIC ACID PURFD
P I C
PERU BALSAM ANHYDROL
PERU BALSAM ABS RE
PETI OIL RECTIFIED
PETI TERPS ACYTD
PETI OIL TERPLS EX
PHENOXYETHYL IBUYT
PHENYLACETALD PURE
PHACETALD ETN ACL
PHENYLACTC ACID DIST
PHENYLACTC ACID PURE
PHENYLETHYL ACETATE
PHENYLETHYL ALCOHOL
PEA COEUR
PHENYLETHYL ALC EX F
PHENYLETHYL ALC PRI
PHENYLETHYL ANHT
PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE
PHENYLETHYL CINT
PHENYLETHYL FORMATE
PHENYLETHYL IBUYT
PHENYLETHYL IVALT
PHENYLETHYL METHACT
PHENYLETH PHENYLACT
PHENYLETHYL PRT
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
FINISHED GOODS

DESCRIPTION
PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL
PHENYLPROPYL ALD
PHENYLPROPYL CINT
PHENYLPROPYL FORMATE
PIPERITONE
NORMAL PROPYL ACETAL
PROPYL CAPROATE
PG MONOMYRISTATE
PROTAL
D PULEGONE
PYROLYSATE ESTER
PSEUDORALDEINE A RED
RACEMIC ACID
RACEMIC ESTER
RALDEINE A
RALDEINE AS NO 2 G
RALDEINE D EXTRA
RALDEINE D
RALDEINE GAMMA PURE
RALD GAMMA PURE N P
RALDEINE OMEGA
RALDEINE D PRIME
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL
RHODINYL ACETATE
RHODINYL FORMATE
RHOD FORMATE SPEC
ROSACETOL
ROSMARY TERPLS A4958
SAFROLE
SAFROLE D
SANDELA
SANDELA EXTRA
SANTALOL
SANTALYL ACETATE
SASSAFRAS ARTI KH
SATOL DELA
TOTALS

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FINISHED GOODS

DESCRIPTION
SATOL PRIME
SOLVENT F
SOLVENT F REW
STABILIZER 9A EI
STYRAX ABSOLUTE RE
STYRAX RESIN NO 10
SUNSCREEN NO 2
TERENOL
TERPINEOL EXTRA
TERPINEOL PRIME
TERPINYL ACETATE EX
TERPINYL ACETATE PRI
TERPINYL PROPIONATE
TETRAHYDROPSIONONE
TETRAHYDROLINALOOL
THYMOL NF
THYMOL NF FINE CRY8
THYMOL NF LARGE CRY8
THYMOL NF STANDARD
TOLU BALSAM ABS RES
TOLYLACETALDEHYDE
TOLYL GLYCERYL ACL
GAMMA VALEROLACTONE
VERATRYL ALD TECH 1
VERALD TECH NO 3
VERSALIDE
VERSALIDE EXTRA
VETIVEROL
VETIVER ACETATE MD
VETIVER ACT 112
VETI ACETATE B EXTRA
VETI ACETATE B PRIME
VETIVER RECTD SPEC
VIRIDINE
YARA YARA
YLANG YLANG TERPL9
ZINGERONE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
INTERMEDIATES

DESCRIPTION
ACETONITRILE HLR
AMBROGENE NP
ANISYL ALCOHOL CRUDE
ANISYLACETIC ACID
ANISYL CYANIDE
BDR REDISTILLED
BORNYLGUAIACOL
BUTYLBENZALDEHYDE
BUTYL KETONE
BUTYL LEVULINATE
BUTYLXYLENE
CALCIUM MALONATE
CEDROL PRIME
CHROMITE CATALYST
CINNAMIC ACID PURE
CINNAMIC ALD FOR MFG
CITRONELLAL
CLOVE LEAF OIL RED
CUMINIC ALDEHYDE
CYCLAMEN ALCOHOL
CYCLOHEXENYLACETONE
DCA
DEHYDROLILIAL
DELAGENE
ELGENE
ET MONOCHLOROACETATE
ETHYL PELARGONATE
G 4 TECH FOR G4 40
HEXALDEHYDE
HEXETHAMINE HLR
ISOBU UNDECYLENATE
ISOPULEGOL TECHNICAL
ISOSAFROLE
LAURYL ALCOHOL
LEMONGRASS OIL RED
MENTHOL T CRUDE
1 PARA MENTHENE
MENTHOL RAC NON USP
ME ANTHRANILIC ACID
NONOIC ACID PURE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
INTERMEDIATES

DESCRIPTION.
PHENYLACETIC ACID CD
PHENYLETHYL ACETAL
PSEUDOCETONE V
PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE SPECIAL
PSEUDORALDEINE A
PSEUDORALDEINE D
PSEUDORALDEINE D N P
THYMOL NF FOR MFG
TMET
VERSALIDE DISTILLED
VERSALIDE DIST FOR X
META XYLENE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
CRUDES DISTILLED & TECHNICAL

DESCRIPTION			
ALCOHOL C 9 CRUDE			
AMBRUGENE NP CRUDE			
AMYL CINNAMIC ALD CD			
AMYL SALICYLATE CD			
AUBEPINE NP CRUDE			
BENZOPHENONE CRUDE			
BENZOPHENONE DIST			
BENZOPHENONE TECH			
BENZYL ACETATE CRUDE			
BUTYLBENZALDEHYDE CD			
BUTYLXYLENE CRUDE			
CINNAMIC ACID CRUDE			
CINNAMIC ALCOHOL CD			
CINNAMIC ALDEHYDE CD			
DELTYL CRUDE			
DELTYL DISTILLED			
DIBENZYL KETONE TECH			
DIHYDROTERPINEOL CD			
ELGENE CRUDE			
GERANIOL CRUDE			
GERANIOL PRIME M CD			
GERANIOL PURE M CD			
GIV TAN DISTILLED			
IRISONE CRUDE A			
IRISONE PURE CRUDE			
IBUTL PHENYLACT CD			
ISOPROPYL PALMT CD			
ISOPROPYL PALMT DIST			
LAURINE CRUDE			
LILIAL PRIME			
LINALOOL BRAZ CD			
LINALOOL EX BRAZ CD			
LINALYL ACT BRAZ CD			
LINALYL ACT PERU CD			
LINALYL ACT TAC CD			
METHYLCOUMARIN DIST			
ME PHENYLACETATE CD			
PHENYLACETALD CRUDE			
PHENYLETHYL ALC CD			
PH PR ALC CD			
TOTALS			

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1959
CRUDES DISTILLED & TECHNICAL

DESCRIPTION
PSEUDOIONONE CRUDE
PSEUDORALDEINE A CD
PSEUDORALDEINE D CD
RALDEINE A CRUDE
RALDEINE D CRUDE
RALDEINE OMEGA CD
TERPINYL ACT EX CD
TERPINYL ACT PRI CD
TERPINYL PRT CD
THYMOL NP CD NO 1&2
THYMOL DISTILLED
VETIVER RECTIFIED
VETIVER ACETATE CD
VETI ACETATE B CRUDE
VIRIDINE CRUDE
YARA YARA CRUDE
YARA YARA DISTILLED
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
ACETAL R
ACETANISOLE
ACETATE C8
ACETATE C 9
ACETATE C10
ACETATE C11
ACETATE C12
ACETATE PA
ACET EST PRENE KET
ACETOPHENONE
ADOXAL
ALCOHOL C8
ALCOHOL C9
ALCOHOL C10
ALC C11 UNDECYLENIC
ALDEHYDE C8
ALDEHYDE C9
ALDEHYDE C 10
ALD C11 UNDECYLENIC
ALD C11 UNDECYLIC
ALDEHYDE C12 LAURIC
ALDEHYDE C12 MNA
ALD C12 MNA EXTRA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC
ALDEHYDE C16 PURE
ALDEHYDE C18
ALLYL CAPROATE
AMBREINE
AMYL BENZOATE
AMYL BUTYRATE
AMYL CINNAMIC ALD
AMYL CINNAMIC ALD PRI
AMYL FORMATE
AMYL PHENYLACETATE
AMYL PROPIONATE
AMYL SALICYLATE EX
AMYL SALICYLATE PRI
ANETHOLE USP
ANISIC ALCOHOL
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
ANISOLE
ANISOLE COMMERCIAL
ANISYL ACETATE
ANISYL FORMATE
AR 1 TERPENELESS
AUBEPINE BISUL COMPO
AUBEPINE NP
AUBEPINE PRIME
AURANTOL PURE
HAY OIL TERPLS DELA
HENZAL GLYCERYL ACL
BENZON ABS RESIN
HENZOPHENONE
BENZYL ACETATE EXTRA
BENZYL ACETATE COEUR
BENZYL ACT PRIME FFC
BENZYL ACETATE C
BENZYL ACETOACETATE
BENZYL ALCONOL PERF
BENZYL BENZOATE USP
BENZYL BUTYRATE
BENZYL CINNAMATE
BENZYL FORMATE
BENZYL ISOAMYL ETHER
BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL
BENZYL ISOVALEATE
BENZYL LAURATE MD
BENZYL PHENYLACETATE
BENZYL PROPIONATE
BENZYL SALICYLATE NP
BERGAMOT TERPENELESS
BIRCHTAR RECTIFIED
BDR PERU TERPLS
HDR TERPENELESS
BDR OS SUBST BULK
BDR FR BULK
HDR RES PURFD
BORNEOL CRUDE CRY
HORNYL ACETATE F
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
BROMSTYROL
BUTOXY SAFROLE
BUTTER ESTER
P T BUCINNAMIC ALD
BUTYL PHENYLACETATE
CAPRONIC ETHER LIGHT
CAPRYLIC ACID MEDIST
CAPS OLEO RE A4961 2
CARVACROL PRIME
CARVACROL TECH NP
CASTOREUM ABS RESIN
CEDAR KETONE
CEDARWOOD OIL RECTFD
CEDRENOL GD
CEDROL BRUT
CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST
CETONE V
CETYL ALC EX NF CUBE
CETYL ALC EX NF SLAB
CETYL ALC DRUM REW
CHEMICAL A 6293
CHEMICAL B 1066
CHEMICAL B 1077
CHEMICAL B 1135
CINNAMIC ALCOHOL PRI
CINNAMIC ALC PURE
CINC ALC FM STYRAX
CINNAMIC ALD FFC
CINC ALD TECH REW
CINNAMON LF OIL RED
CIN LF FRB BULK
CINNAMYL ACETATE
CINL ANTHRANILATE
CINNAMYL BUTYRATE
CINNAMYL CINNAMATE
CINNAMYL ISOBUTYRATE
CINNAMYL PROPIONATE
CINNAMYL ISOVALERATE
CITRAL FR DETERPD
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION				
CITRAL	PURE	CP		
CITRAL	DIME	ACL	EX	
CITRAL	S8			
CITRAL	V8			
CITRONELLLOL	EXTRA			
CITRONELLLOL	PRIME			
CITRONELLLOL	SPECIAL			
CITRONELLYL	ACETATE			
CITRONELLYL	BUTYRATE			
CITRONELLYL	FORMATE			
CITRONELLYL	IBUYT			
CITLYL	PROPIONATE			
CIVET	ABSOLUTE			
COMPOUND	ESTER	NO	1	
COMPOUND	19	TECH		
COMPOUND	19	50	K	
COMPOUND	NO	30		
COMPOUND	30	SPECIAL		
COMPOUND	A	151		
COMPOUND	NO	1051		
COMPOUND	NO	1186		
CONSTITUENT	NO	1		
CONSTITUENT	NO	4		
CORPS	N	112		
P	CRESOL	PURFD		
P	PARA CRESYL	ACETATE		
P	CRESYL	180	BUYT	PG
P	CRESYL	180	BUTYRATE	
P	CRESYL	ME	ETHER	
P	CRESYL	PHENYL	ACT	
P	CRESYL	PHACT	EX	
M	CRESYL	PHENYLACT		
CYCL	ALD	GIVCO		
CYCLAMEN	ALD	EXTRA		
CYCLAMEN	ALDEHYDE	GD		
CYCLAMEN	ALD	NP		
CYCL	ALD	SPEC	BLODING	
CYCLOHEXYL	LACETONE			
CYCLOHEXYL	CYCLXON			
DELPHENONE				
TOTALS				

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
DELTYL EXTRA
DELTYL EXTRA NP
DELTYL PRIME
DIBENZYL
DIBENZYL KETONE
DIHYDROANETHOLE
DIHYDRO CITLOL
DIHYDROCOUMARIN
DIHYDRO SAFROL PURE
DIMETHYLACETOPHENONE
DIMETHYL ANHT
DIMETHYLBENZYL CARBL
DIME BZLCARBINYL ACT
DIOX
DIPHENYLAMINE PURFD
ESTRAGOLE N P
ETHONE
ETHYL AMYL KETONE
ETHYL ANISATE
ETHYL BENZOATE
ETHYL CINNAMATE
ETHYL LAURATE
ETHYL LEVULINATE
ETHYL MYRISTATE
PARA ETHYLPHENOL
ETHYLPHENYLGLYCIDATE
ETHYL PHENYLACETATE
ETHYL SALICYLATE
EUGENOL ACETATE
EUGENOL DAY
EUG TERPS BULK 1955
EUG C 95 FM GLO LF
EUGENOL EXTRA USP
EUGENOL PRIME USP
FIR BALSAM ANHYDROL
FIR BALSAM ABS RESIN
FURFURYL ACETATE
GALBANUM ABS RESIN
GARDENOL
GERALLOL PRIME
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION	
GERALLOL EXTRA	
GERALLOL H C	
GERANIOL PR 3 4	
GERANIOL PRIME SUB	
GERANIOL PURE	
GERANIOL STANDARD	
GERANIOL FOR SOAP	
GERANOLENE ACT PRIME	
GERLN ACT PRIME M CD	
GERANYL ACETATE PURE	
GERANYL BENZOATE	
GERANYL BUTYRATE	
GERANYL CAPROATE	
GERANYL FORMATE	
GERANYL PHENYLACT	
GERANYL PROPIONATE	
GERMIZONE	
GIV TAN	
GIV TAN A	
GIV TAN F	
GUAIACWOOD ACT EXTRA	
GUAIACOL PHENYLACT	
G 4 PURE	
G 4 TECH MICRONIZED	
G 4 TECH FINE GRIND	
G 4 TECH S	
G 4 TECHNICAL	
G 4 40 TECH	
G 11	
G 11 FINE GRIND	
G 11 MICRONIZED	
HELIOTROPIN CRYSD	
HELIOTROPIN DIST	
HELIOTROPIN RECHYSD	
HELIO RECHYD F CRY	
HELIOTROPIN 34	
HEXAHYDROPSIONONE	
2 HEXENAL	
HEXYL BENZOATE	
HEXYLCINNAMIC ALD	
TOTALS	

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FINISHED GOODS

DESCRIPTION
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A
HYCITLAL DIME ACL
HYDROXYCITRONELLOL
INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE
IRISONE ALPHA N P
IRISONE A EX WHITE
IRISONE BETA
IRISONE BETA PURE
IRIS BETA PURE REW
IRISONE BIS
IRISONE COEUR
IRISONE PURE
ISOBORNYL ACETATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT
ISOBUTYL SALICYLATE
ISOEUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL EXTRA
ISOEUG PHENYLACT
ISOLORAL
ISOMENTHONE P
ISOPROPYL UNDET
ISOPULEGOL ACETATE
ISOPULEGOL M
ISOSAFROLE DIST
ISOTHYMOL
ISOVALERIC ALDEHYDE
JASMONYL
JASMONYL OCA
JUNOX
KETONAROME
KETONAROME POWDERED
LABDANUM ABS RES
LAURINE 100 PCT
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
LAURINE EX 100 PCT
LAURINE STABILIZED D
LAVE SPIKE TERPLS
LAVE SPIKE ACYTD TER
LAVA ACYTD TERPLS
LEMON OIL FIVE FOLD
LILIAL
LILLOL EXTRA GD
LIME OIL 5 X TYPE 2
LIME OIL WASHED
LINALOOL BRAZILIAN D
LINOL INTERMEDIATE
LINALOOL FR BDR
LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME
LINYL ACT INTMEDIATE
LINALYL ACT 75 PCT D
LINYL ACT 75 PCT
LINALYL ACT 87 PCT D
LINYL ACT 92 PCT
LINALYL ACT 92 PCT D
LINALYL ACT IMPT
LINYL ACT 96 97 PC D
LINYL ACT EXTRA
LINALYL BENZOATE
LINALYL BENZOATE REW
LINALYL BUTYRATE
LINALYL FORMATE
LINALYL ISOBUTYRATE
LINALYL PROPIONATE
MANDARIN OIL TERPLS
MARANOL
MATE ABSOLUTE RESIN
MELONAL
MENTHANYL ACETATE
MENTHOL LIQUID
MENTHOL USP RACEMIC
MENTHOL 20 NON USP
MENTHONE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
MENTHONE RAC PURE
MENTHYL ACETATE N P
MENTHYL ACETATE
METHYLACETOPHENONE
METHYL ANISATE
METHYL ANTHRANILATE
METHYL ANTHRT EX
P METHYLBENZALD
METHYL CINNAMATE
A METHYLCINNAMIC ALD
METHYLCOUMARIN
6 ME 3 4 DIHYDROCOUM
METHYL DIPHENYL ETH
ME DIPHENYL ETH PG
METHYLEUGENOL
METHYLHEPTENONE N P
MEHEPTENONE SYNTH
METHYL HEXYL KETONE
P METHYLHYDTP ALD
METHYLISOEUGENOL
ME NONYL KETONE RED
METHYLNONYLDIOXOLANE
ME NON DIOX CARBMTE
ME O MEXY BENZOATE
METHYL PHENYLACETATE
METHYL PHENYLACT PRI
P METHYLPH ME CARBL
METHYL PHENYLPROPT
MOSKENE
MOSKENE SPECIAL
MUSK AMBT 100 PCT
MUSK KETONE
MUSK TIBETENE
MUSK XYLOL
MYRRH ABSOLUTE RESIN
NEROLIN CRYSTALS
NERONE
OAKMOSS ABSOLUTE RE
GAMMA OCTALACTONE
OLIBANUM ABS RES
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
OPOPONAX ABB RES
ORANGE OIL AFR 5 X
ORANGE OIL FL 5 X
ORANGER CRYSTALS
PALMITIC ACID PURFD
PERU BALSAM OIL
PERU BALSAM ANHYDROL
PERU BALSAM ABB RE
PETITGRAIN OIL RECTO
PETI OIL TERPLS EX
PHENOXYETHYL IBUYT
PHENYLACETALD PURE
PHACETALD ETN ACL
PHENYLACTC ACID DIST
PHENYLACTC ACID PURE
PHENYLETHYL ACETAL
PHENYLETHYL ACETATE
PHENYLETHYL ALC NF
PEA NF COEUR
PEA NF EXTRA
PEA NF PRIME
PHENYLETHYL ANTHT
PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE
PHENYLETHYL CINT
PHENYLETHYL FORMATE
PHENYLETHYL IBUYT
PHENYLETHYL IVALT
PHENYLETHYL METHACT
PHENYLETH PHENYLACT
PHENYLETHYL PRT
PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL
PHENYLPROPYL ALD
PHENYLPROPYL CINT
PIPERITONE
NORMAL PROPYL ACETAL
PROPYL CAPROATE
PRENE GLY MOMYRT
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
PROTAL
D PULEGONE
PYROLYSATE ESTER
PSEUDORALDEINE A RED
RACEMIC ACID
RACEMIC ESTER
RALDEINE A
RALDEINE A9 NO 2 G
RALDEINE D EXTRA
RALDEINE D
RALD GAMMA PRIME GD
RALDEINE GAMMA PURE
RALD GAMMA PURE N P
RALDEINE OMEGA
RALDEINE D PRIME
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL
RHODINYL ACETATE
RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACETOL
ROSMARY TERPLS A4958
SAFROLE
SAFROLE D
SAFROLE D REWORK
SANDELA CONCENTRATE
SANDELA EXTRA
SANTALOL
SANTALYL ACETATE
SASSAFRAS ARTI KH
SATOL
SOLVENT F
STABILIZER 9A EI
STYRAX ABSOLUTE RE
STYRAX RESIN NO 10
SUNSCHEEN NO 2
TERENOL
TERPINEOL EXTRA
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
FINISHED GOODS

DESCRIPTION
TERPINEOL PRIME
TERPINYL ACETATE EX
TERPINYL ACETATE PRI
TERPINYL PROPIONATE
TETRAHYDROPSIONONE
TETRAHYDROLINALOOL
THYMOL NF FINE CRYST
THYMOL NF STANDARD
TOLU BALSAM ABS RE
TOLYL ACETALDEHYDE
TOLYL GLYCERYL ACL
GAMMA VALEROLACTONE
VANILLIN USP
VERATHYL ALD TECH 1
VERATHYL ALD TECH 1
VERSALIDE PRIME
VERSALIDE
VERSALIDE EXTRA
VETIVEROL
VETIVER ACETATE MU
VETIVER ACT 112
VETI ACETATE B EXTRA
VETI ACETATE B PRIME
VETIVER RECTFD SPEC
VIRIDINE
YARA YARA
YLANG YLANG TERPLS
ZINGERONE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
INTERMEDIATES

DESCRIPTION
AMBROGENE NP
ANISYL ALCOHOL CRUDE
ANISYLACETIC ACID
ANISYL CYANIDE
HORNLYL GUAIACOL
BUTYL BENZALDEHYDE
BUTYL KETONE
BUTYL LEVULINATE
BUTYL XYLENE
CALCIUM MALONATE
CAPRYLENE
CEDROL PRIME
CINNAMIC ACID PURE
CITRONELLAL
CLOVE LEAF OIL RED
CMP CARBINOL
P CRESYL ME ETHER CD
CUMINIC ALDEHYDE
CYCLAMEN ALCOHOL
CYCLOHEXENYLACETONE
DCA
DEHYDROLILIAL
DELAGENE
ELGENE
ET MONOCHLOROACETATE
ETHYL PELARGONATE
G 4 TECH FOR G4 40
HEXALDEHYDE
P HYRENZYLIDENEACTN
ISOBUTY UNDECYLENATE
ISOPULEGOL TECHNICAL
ISOSAFROLE
LAURYL ALCOHOL
LEMONGRASS OIL RED
MENTHOL T CRUDE
1 PARA MENTHENE
MENTHOL M30
MENTHOL RAC NON USP
ME ANTHRANILIC ACID
METHYL CARBITOL
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
INTERMEDIATES

DESCRIPTION
NONOIC ACID PURE
PHENYLACETIC ACID CD
PSEUDOCETONE V
PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE SPECIAL
PSEUDORALDEINE A
PSEUDORALDEINE D
PSEUDORALDEINE D N P
THYMOL NF
TMET
VERSALIDE DISTILLED
META XYLENE
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
CRUDE & DISTILLED & TECHNICAL

DESCRIPTION
ALDEHYDE C14 TECH
AMBRUGENE NP CRUDE
AMYL CINNAMIC ALD CD
AMYL SALICYLATE CU
ANETHOLE TECHNICAL
AUBEPINE NP CRUDE
BENZOPHENONE CRUDE
BENZOPHENONE DIST
BENZOPHENONE TECH
BENZYL ACETATE CRUDE
BENZYL ALCOHOL TECH
BUTYLBENZALDEHYDE CD
BUTYLXYLENE CRUDE
CINNAMIC ACID CRUDE
CINNAMIC ALCOHOL CD
CINNAMIC ALDEHYDE CD
CUMINIC ALDEHYDE CD
DELTYL CRUDE
DELTYL DISTILLED
DIBENZYL KETONE TECH
DIHYDROTERPINEOL CD
ELGENE CRUDE
GERANIOL CRUDE
GERANIOL PRIME M CD
GERANIOL PURE M CU
GIV TAN DISTILLED
IRISONE ALPHA CRUDE
IRISONE CRUDE A
IRISONE PURE CRUDE
IBUTL PHENYLACT CU
ISOPROPYL PALMT CD
ISOPROPYL PALMT DIST
LAURINE CRUDE
LILIAL PRIME
LINALOOL BRAZ CD
LINALOOL EX BRAZ CD
LINALYL ACT BRAZ CD
LINALYL ACT TAC CU
METHYLCOUMARIN DIST
ME PHENYLACETATE CD
TOTALS

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ANNUAL REPORT OF MANUFACTURED PRODUCTS FOR THE CURRENT YEAR 1960
CRUDE & DISTILLED & TECHNICAL

DESCRIPTION
PERU BALSAM REC
PHENYLACETALD CRUDE
PHENYLETHYL ALC CD
PH PROPYL ALC CRUDE
PSEUDOIONONE CRUDE
PSEUDORALDEINE A CD
PSEUDORALDEINE D CD
RALDEINE A CRUDE
RALDEINE D CRUDE
RALDEINE OMEGA CD
TERPINYL ACT EX CD
TERPINYL ACT PRI CD
TERPINYL PRT CD
THYMOL NP CD NO 142
THYMOL DISTILLED
VANILLIN L CRUDE
VETIVER RECTIFIED
VETIVER ACETATE CD
VETI ACETATE B CRUDE
VIRIDINE CRUDE
YARA YARA CRUDE
YARA YARA DISTILLED
TOTALS

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A thorough search of the National Fire Protection Association (NFPA) standards, specifically the National Electrical Code (NEC) and OSHA standards indicated that there is no specific reference to removing wires from the conduit after electrical equipment has been disconnected.

What was found in OSHA 1926.416 (Safety and Health Regulations for Construction) was in general terms.

"Protection of employees" No employer shall permit an employee to work in such proximity to any part of an electric power circuit that the employee could contact the electric power circuit in the course of work, unless the employee is protected against electric shock by de-energizing the circuit and grounding it or by guarding it effectively by insulation or other means.

During decommissioning the current practice and policy of Agere is to have Reading electricians survey the area prior to the decommissioning team entering the area. This would allow for trained and authorized personnel to remove any unknown electrical hazards.

The safe practice of disconnecting the wires from the power source i.e. panel box, bus duct, substation and disconnecting the wires from the piece of equipment and removing the wires back to a "safe spot" i.e. conduit, junction box, panel box, bus duct, substation would meet the intent of "Protection of employees". Therefore, the ultimate goal is not to have any exposed wires, which could pose a question of whether or not the wires are energized creating an "unsafe condition".

In addition to this safe practice, always follow the lockout-tagout procedures when performing maintenance or service to equipment. The goal is to provide a safe and injury free workplace to employees.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Best Available Control Technology (BACT) Guideline

Source Category

Source:	Gas Turbine	Revision:	2
		Document #:	89.1.6
Class:	Combined Cycle (≥ 40 Megawatts)	Date:	07/18/03

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. n/d 2. 2.0 ppm, Dry @ 15% O ₂ ^{a,b,e,f,i}	1. n/d 2. Oxidation Catalyst, or Efficient Dry Low-NOx Combustors ^{a,b,e,f,i}
NOx	1. 2.0 ppm, Dry @ 15% O ₂ ^{d,e,i,j,k,l} 2. 2.5 ppm, Dry @ 15% O ₂ ^{a,b,e,g,i} (2.0 ppm achieved in practice for 50 MW LM6000 combined cycle unit. ⁱ)	1. SCR+ Low NOx Combustors, or Water or Steam Injection, or a SCONOX System ^{d,e,i,j,k,l} 2. SCR+ Dry Low-NOx Combustors ^{a,b,e,g,i}
SO ₂	1. n/d 2. Natural Gas Fuel (sulfur content not to exceed 1.0 grain/100 scf) ^e	1. n/d 2. Exclusive use of PUC-regulated grade natural gas ^e
CO	1. n/d 2. 4.0 ppm, Dry @ 15% O ₂ ^{g,i}	1. n/d 2. Oxidation Catalyst ^{g,i}
PM ₁₀	1. n/d 2. Natural Gas Fuel (sulfur content not to exceed 1.0 grain/100 scf) ^{a,b,c,e,h,j,k,l}	1. n/d 2. Exclusive use of PUC-regulated grade natural gas ^{a,b,c,e,h,j,k,l}
NPOC	1. n/a 2. n/a	1. n/a 2. n/a

References

- a. Application #18595, Los Medanos Energy Center (formerly Pittsburg District Energy Facility)
b. Application #19414, Delta Energy Center.
c. Application #27215, Metcalf Energy Center
d. EPA LAER Determination letter dated 3/24/2000.
e. CARB "Guidance for Power Plant Siting and Best Available Control Technology", Stationary Source Division, June 1999
f. Application #8658, Crockett Cogeneration
g. Sacramento Power Authority (Campbell Soup) in Sacramento County, California. The unit is a 103 MW nominal output Siemens V84 combustion turbine with DLN combustion, SCR, and oxidation catalyst.
h. Application #1000, Contra Costa Power Plant Unit 8 Project
i. Application #2488 & 2695 Valero Cogeneration Project (Achieved in practice for

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LM6000 2.0 ppm NOx, 4.0 ppm CO, 2.0 ppm POC)
j. Application #2589, East Altamont Energy Center
k. Application #3506, Tesla Power Project
l. Application #6481, Pico Power Project

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PAGE NO. 1

DESCRIPTION

ACETAL CD
ACETAL R
ACETANISOLE
ACETATE C8
ACETATE C9

ACETATE C 10
ACETATE C11
ACETATE C 12
ACETATE PA
ACET EST PRENE KET

ACETOPHENONE EXTRA
ACETYL CM
ADOXAL NP
ADOXAL
ALCOHOL C8

ALCOHOL C 9
ALCOHOL C 9 CRUDE
ALCOHOL C10
ALC C11 UNDECYLENIC
ALDEHYDE C8

ALDEHYDE C 9
ALDEHYDE C10
ALD C10 DINE ACL
ALD C11 UNDECYLENIC
ALD C11 UNDECYLIC

ALDEHYDE C12 LAURIC
ALDEHYDE C12 MNA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC
ALDEHYDE C16 PURE

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NOW OR FORMERLY MANUFACTURED IN DELAWARE
JAN. 1ST TO DEC. 31ST, 1965

PRODUCTS

PAGE NO. 2

DESCRIPTION

ALDEHYDE C 18
ALLYL CAPROATE
ALLYL CYCLXN PRT
AMBREINE
AMBROGENE

AMBROL
AMBROL CRUDE
AMYL BENZOATE
AMYL BUTYRATE
AMYL CINNAMIC ALD

AMYL CINNAMIC ALD CD
AMYL CINNAMIC ALD PRI
AMYL FORMATE
AMYL PHENYLACETATE
AMYL PROPIONATE

AMYL SALICYLATE CD
AMYL SALICYLATE EX
AMYL SALICYLATE PRI
AMYRIS ACETATE
ANETHOLE TECHNICAL

ANETHOLE USP
ANISYL ALCOHOL
ANISYL ALCOHOL CRUDE
ANISOLE
ANISOLE COMMERCIAL

ANISYL ACETATE
ANISYL FORMATE
ARBORONE
AUBEPINE BISUL COMPD
AUBEPINE NP

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PAGE NO. 3

DESCRIPTION

AUBEPINE RES PURI
AUBEPINE LIQ NP2S
AUBEPINE SPECIAL S
AUBEPINE PRIME
AURANTIOL PURE

BARTYL A
BAY OIL TERPLS DELA
BENZAL GLYCERYL ACL
BENZODIHYDROPYRONE
BENZOIN ABS RESIN

BENZOIN SUM ABS RES
BENZOPHENONE
BENZOPHENONE CRUDE
BENZOPHENONE DIST
BENZYL ACETATE CRUDE

BENZYL ACETATE EXTRA
BENZYL ACETATE COEUR
BENZYL ACETATE PRIME
BENZYL ACETATE PURIS
BENZYL ACETOACETATE

BENZYL ALCOHOL NF
BENZYL ALCOHOL PERF
BENZYL ALCOHOL TECH
BENZYL BENZOATE NF
BENZYL BUTYRATE

BENZYL CINNAMATE
BENZYL FORMATE
BENZYL ISOAMYL ETHER
BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 4

DESCRIPTION

BENZYL ISOVALERATE
BENZYL LAURATE
BENZYL PHENYLACETATE
BENZYL PROPIONATE
BENZYL SALICYLATE NP

BERGAMOT D S T
BERGAMOT TERPENELESS
BIRCHTAR RECTIFIED
BDR REDISTILLED
BDR TERPENELESS

BDR FR BULK
BORNEOL FRACTIONS
BORNYL ACETATE F
BROMSTYROL
BUTOXY SAFROLE

BUTTER ESTER
BUTYLBENZALDEHYDE
BUTYL KETONE
BUTYL LEVULINATE
BUTYL PHENYLACETATE

P. T. BUTYLTOLUENE
BUTYLXYLENE
CALCIUM MALONATE
CAMPHOR SASSY RED
CAMPHOR COLOR

CAPROIC ACID RED
CAPRONIC ETHER LIGHT
CAPRYLENE
CAPRYLIC ACID REDIST
CARVACROL PRIME

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PAGE NO. 5

DESCRIPTION

CARVACROL TECHN NP
CARYOPHYLLENE
CARYOPHYLLENE D
CARYOPHYLLENE EXTRA
CARYOPHYLLENYL ALC

CASTOREUM ABS RESIN
CEDAR KETONE
CEDARWOOD FR 2
CEDW FR FM CEDROL FR
CEDARWOOD FR BULK

CEDARWOOD FR 1
CEDW OIL TEX RECTFD
CEDRENE FM CEDL ACT
CEDRENOL GD
CEDROL CRYSTALS

CEDROL PRIME
CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST
CETONE V
CETYL ALC EX NF CUBE

CETYL ALC EX NF SLAB
CHEMICAL C 144 TECH
CHEMICAL A 7155
CHEMICAL B 3874
CHEMICAL E 324

CHEMICAL B 1849
CHEMICAL A 3004
CINNAMIC ACID PURE
CINNAMIC ALCOHOL GD
CINNAMIC ALCOHOL PRI

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PAGE NO. 6

DESCRIPTION

CINNAMIC ALC PURE
CINC ALC FM STYRAX
CINNAMIC ALDEHYDE
CINNAMON LF OIL RED
CIN LF FRS BULK

CINNAMYL ACETATE
CINL ANTHRANILATE
CINNAMYL BUTYRATE
CINNAMYL CINNAMATE
CINNAMYL ISOBUTYRATE

CINNAMYL PROPIONATE
CINNAMYL ISOVALERATE
CITRAL PURE CP
CITRAL DIME ACL EX
CITRAL SS

CITRAL VS
CITRAL 80
CITRAL 80 TERPS RED
CITRONELLAL
CITRONELLAL CG

CITLOL GIVCO PRIME
CITRONELLOL GIVCO EX
CITRONELLOL EXTRA
CITRONELLOL PRIME
CITRONELLOL SPECIAL

CITRONELLYL ACETATE
CITRONELLYL BUTYRATE
CITRONELLYL FORMATE
CITRONELLYL IDUYT
CITRONELLYL PRT

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PAGE NO. 7

DESCRIPTION

CIVET ABSOLUTE
CLOVE LEAF OIL RED
CMP CARDINOL CRUDE
COMPOUND ESTER NO 1
COMPOUND 19 TECHN

COMPOUND 19 50 K
COMPOUND 30 SPECIAL
COMPOUND NO 207
COMPOUND NO 1010
COMPOUND NO 1051

COMPOUND 1186 CAPT
CONSTITUENT NO 1
CONSTITUENT NO 4
CONSTITUENT NO 15
CORPS N 112

P CRESOL PURFD
PARA CRESYL ACETATE
P CRESYL ISOBUTYRATE
P CRESYL ME ETHER CD
P CRESYL ME ETHER

P CRESYL PHENYL ACT
M CRESYL PHENYLACT
CUMINYLAACETALDEHYDE
CUMINIC ALDEHYDE
CYCLAMEN ALD GIVCO

CYCLAMEN ALD EXTRA
CYCLAMEN ALDEHYDE GD
CYCLAMEN ALCOHOL
CYCLAMEN ALD NP
CYCL ALD SPEC BLDING

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NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PRODUCTS

PAGE NO. 8

DESCRIPTION

CYCLOHEXENYLACETONE
CYCLOHEXYLACETONE
CYCLOHEXYLCYCLON
DCA
DCA ISOMER NV

DEHYDROLILIAL
DELPHENONE
DELAGENE
DELYL EXTRA
DELYL PRIME

DIBENZYL CRUDE
DIBENZYL REFINED
DIBENZYL ETHER RED
DIBENZYL KETONE
DIHEPTALDEHYDE

DIHYDRO ADOXAL
DIHYDROANETHOLE
DIMETHYLOCTANOL FC
DIHYDROSEUDOIONONE
DIHYDRO SAFROL PURE

DIHYDROTERPINEOL CD
DIMETHYLACETOPH CD
DIMETHYLACETOPHENONE
DIMETHYL ANTH
DIMETHYLBENZYL CARB

DIMETHYL CARB ACETATE
DIPENTENE
DIOXIN
DIPHENYLAMINE PURF
ELGENE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 9

DESCRIPTION

ESTRAGOLE
ETHONE
P ETHOXYBENZALD
ETHYL AMYL KETONE
ETHYL ANISATE

ETHYL BENZOATE
ETHYL CINNAMATE
ETHYL LAURATE
ETHYL LEVULINATE
ET MONOCHLOROACETATE

ETHYL MYRISTATE
PARA ETHYLPHENOL
ETHYL PELARGONATE
ET PHENYLGLYCIDATE
ETHYL PHENYLACETATE

ETHYL SALICYLATE
ETHYL UNDECYLENATE
EUGENOL ACETATE
EUGENOL BAY
EUGENOL TERPS BULK

EUG C 95 FM CLO LF
EUGENOL EXTRA USP
EUGENOL PRIME USP
FIR BALSAM ANHYDROL
FIR BALSAM ABS RESIN

FOLIOSIA
FURFURYL ACETATE
GALBANUM ABS RESIN
GALBANUM TERPENES
GARDENOL

877240481

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 10

DESCRIPTION

GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC
GERANIOL CRUDE
GERANIOL PR 3 4

GERANIOL PRIME M CD
GERANIOL PRIME SUB
GERANIOL PURE
GERANIOL STANDARD
GERANIOL PURE M CD

GERANIOL FOR SOAP
GERANIOL RESIDUE SO
GERL TERPS BULK
GERANIUM ALG RECTFD
GERM BOURBON RECTD

GERLN ACETATE PRI
GERLN ACT PRI M CD
GERANYL ACT PURE CD
GERANYL ACETATE PURE
GERANYL ACETATE Y

GERANYL BENZOATE
GERANYL BUTYRATE
GERANYL CAPROATE
GERANYL FORMATE
GERANYL PHENYLACT

GERANYL PROPIONATE
GERMIZONE
GIVCOMENTHE GF P3843
GIV TAN F
GIV TAN CRUDE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 11

DESCRIPTION

GUAIAWOOD ACT EXT
GUAIACOL PHENYLACT
GUAIAWOOD ACT PRIME
G 4 PURE D
G 4 PURE

G 4 TECH MICRONIZED
G 4 TECH FINE GRIND
G 4 TECHNICAL
G 4 TECH FOR G 4 40
G 4 40 TECH

G 11
G 11 FINE GRIND
G 11 MICRONIZED
HELIOTROPIN CRUDE
HELIOTROPIN CRYSD

HELIOTROPIN DIST
HELIOTROPIN RECRYSD
HEXAHYDROPSIONONE
HEXALDEHYDE
2 HEXENAL

HEXYL BENZOATE
HEXYLCINNAMIC ALD
NORMAL HEXYL SAL
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A

HYDROLENE
HYDROLENE CRUDE
HYDROLENE HD
HYDROLENE P 60
HYDROLENE RL EXTRA

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 12

DESCRIPTION

HYCITAL DIME ACL
HYDROXYCITRONELLOL
INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE

IRISONE ALPHA NP
IRISONE A EX WHITE
IRISONE BETA PURE
IRISONE BIS
IRISONE COEUR

IRISONE CRUDE A
IRISONE PURE
IRISONE PURE CRUDE
ISOAMYL ETHER
ISOBORNYL ACETATE

ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT
IBUTL PHENYLACT CD
ISOBUTYL SALICYLATE

IBUTL UNDECYLENATE
ISOCYCLOCITRAL LG
ISOEUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY

ISOEUGENOL EXTRA
ISOEUGENOL EXTRA MFG
ISOEUGENOL PHENYLACT
ISOLORAL
ISOMENTHONE PURE

877240484

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 13

DESCRIPTION

ISOMENTHONE P
ISOPULEGOL ACETATE
ISOPULEGOL FRACT
ISOPULEGOL PURIFIED
ISOPULEGOL TAC

ISOPULEGOL TECHNICAL
ISOSAFROLE
ISOSAFROLE DIST
ISOTHYMOL
ISOVALERIC ALDEHYDE

JASHONYL
JASHONYL OCA
JASHONYL GD
JUNOX
KETONARONE POWDERED

LABDANUM ADS RES
LAURINE PURE
LAURINE CRUDE
LAURINE EXTRA
LAURINE G

LAURINE RES PURIFIED
LAURINE STABILIZED D
LAVE SPIKE TERPLS
LAVE SPIKE ACYTD TER
LAVA ACYTD TERPLS

LEMON FIVE X TYPE 2
LEMON OIL FIVE FOLD
LEMON OIL WASHED
LEMONGRASS OIL RED
LILIAL

877240485

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 14

DESCRIPTION

LILOL EXTRA CD
LINE OIL 5 X TYPE 2
LINALOOL BRAZILIAN D
LINALOOL BRAZ CD
LINALOOL

LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME
LINALOOL SYN EXTRA
LINALOOL SYN PRIME

LINALYL ACT 92 PCT
LINALYL ACT 92 PCT D
LINALYL ACT BRAZ CD
LINALYL ACT 96 97 PC D
LINALYL ACT EXTRA

LINALYL ACT SYN PRI
LINALYL ACETATE TAC
LINALYL BENZOATE
LINALYL BUTYRATE
LINALYL CINNAMATE

LINALYL FORMATE
LINALYL ISOBUTYRATE
LINALYL PROPIONATE
MANDARIN OIL TERPLS
MARANIOL

MATE ABSOLUTE RESIN
MELONAL
MENTHANYL ACETATE
P MENTHENE CRUDE
MENTHOL T CRUDE

877240486

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 15

DESCRIPTION

I PARA MENTHENE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP
MENTHOL RAC NON USP
MENTHONE RAC PURE

MENTHYL ACETATE N P
MENTHYL ACETATE RAC
METHYLACETOPHENONE
METHYL ANISATE
METHYL ANTHR EX

ME ANTHRANILIC ACID
P METHYLBENZALD
METHYL CARBITOL
METHYL CINNAMATE
A METHYLCINNAMIC ALD

METHYLCOUMARIN
6 ME 3 4 DIHYDROCOUM
METHYLCYCLOHEXYL PRT
METHYL DIPHENYL ETH
ME DIPHENYL ETHER PG

METHYLEUGENOL
METHYLHEPTENONE N P
P METHYLHYDTP ALD
METHYLISOEUGENOL
METHYL NON KETN RED

ME O NEXY BENZOATE
METHYL PHENYLACETATE
P METHYLPH ME CARBL
METHYL PHENYLPRT
A MEPHENYLPROPYL ALD

877240487

STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 16

DESCRIPTION

MOSKENE
MUSK AMBRETTE TECH
MUSK AMBRETTE
MUSK KETONE
MUSK TIBETENE

MUSK XYLOL
MYRCENE
MYRCENE REDISTILLED
MYRISTYL ALC PUR CU
MYRISTYL ALC SPEC CU

MYRRH ABSOLUTE RESIN
NEOFOLIONE
NEROL PRIME
NEROLIN CRYSTALS
NERONE

NERYL ACETATE PRIME
NONOIC ACID PURE
NOBRICOL
OAK MOSS ABSOLUTE RE
OAKMOSS ACIDS

GAMMA OCTALACTONE
3 OCTANOL
OCTYL BUTYRATE
OLIBANUM ABS RES
OPOPONAX ABS RE

OPOPONAX SR
ORANGE OIL AFR 5X
ORANGE OIL FL 5 X
ORANGE TERPENES DECO
ORANGER CRYSTALS

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 17

DESCRIPTION

DRANGER LIQUID
QTR DIPENTENE QR FR
QTR RESIDUE SD
PALMITIC ACID PURI
P I C

PEPMT RES LTCOL BULK
PERU BALSAM
PERU BALSAM OIL G
PERU BALSAM ANHYDROL
PERU BALSAM ABS RE

PETITGRAIN OIL RECTD
PETI OIL TERPLS EX
PHELLANDRENE
PHENOXYETHYL IBUYT
PHENYLACETALD PURE

PHENYLACETALD EXTRA
PHENYLACETALD CRUDE
PHACETALD ETN ACL
PHAA DIBENZYL ACETAL
PHENYLACETIC ACID CD

PHENYLACTC ACID DIST
PHENYLACTC ACID PURE
PHENYLETHYL ACETAL
PHENYLETHYL ACETATE
PHENYLETHYL ALC NF

PEA NF COEUR
PEA NF EXTRA
PEA NF PRIME
P E A RESIDUE RED
PHENYLETHYL ANTHT

877240489

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 18

DESCRIPTION

PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE
PHENYLETHYL CINT
PHENYLETHYL FORMATE
PHENYLETHYL IBUYT

PHENYLETHYL IVALT
PHENYLETHYL METHACRY
PHENYLETH PHENYLACT
PHENYLETHYL PROPT
PHENYLETHYL SALT

PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL
PH PROPYL ALC CRUDE
PHENYLPROPYL ALD
PHENYLPROPYL CINT

PINACOL
PINANE
BETA PINENE
PIPERITONE
NORMAL PROPYL ACETAL

PROPYL CAPROATE
PSEUDOCETONE V
D PULEGONE
PYROLYSATE ESTER
PYROLYSATE A 1993

PSEUDOIONONE
PSEUDOIONONE CRUDE
PSEUDOIONONE SPECIAL
PSEUDORALDEINE A CD
PSEUDORALDEINE A

877240490

STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 19

DESCRIPTION

PSEUDORALDEINE D CD
PSEUDORALDEINE D
PSEUDORALDEINE D N P
RACEMIC ACID
RACEMIC ESTER

RALDEINE A
RALDEINE AS NO 2 G
RALDEINE A CRUDE
RALDEINE D CRUDE
RALDEINE D

RALD GAMMA PRIME GD
RALDEINE GAMMA PURE
RALDEINE OMEGA CRUDE
RALD GAMMA PURE NP
RALDEINE OMEGA

RALDEINE D PRIME
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL
RHODINYL ACETATE

RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACETOL
ROSE ABSOLUTE MAROC

ROSMARY TERPLS A4958
ROSOXIDE
SAFROLE
SAFROLE DISTILLED
SANDELA CONCENTRATE

877240491

STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 20

DESCRIPTION

SANDELA GD
SANDELA 10
SANTALOL
SANTALYL ACETATE
SASSAPRAS ARTI KH

SATOL DELA
SINPINE
SINPINE REDIST
SPICE TERPENES BULK
STABILIZER NO 1

STABILIZER NO 1 DIP
STABILIZER NO 9A EI
STABILIZER D 12
STYRAX ABSOLUTE RES
STYRAX RESIN NO 10

STYRONE RESIN
STYRONE RESIN GRD
STYRONE RESIN NO 9
SUNSCREEN NO 2
SUNSCREEN NO 5

TALCUM CONTAINING G 11
TERENOL
TERPINEOL EXTRA
TERPINEOL PRIME
A TERPINEOL RECRYD

TERPINOLENE
TERPINOLENE P
TERPINYL ACETATE EX
TERPINYL ACT EXTRA 2
TERPINYL ACT EX CD

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 21

DESCRIPTION

TERPINYL ACETATE PRI
TERPINYL ACT PRI CD
TERPINYL PROPIONATE
TERPINYL PROPT CD
TETHYFURF BUTYRATE

TETRAHYDROPSIONONE
TETHYSEUDOIONONE NP
TETRAHYDROLINALOOL
THYMOL NP CD NO 1&2
THYMOL DISTILLED

THYMOL NF
THYMOL NF FINE CRYST
THYMOL NF PHOTOGRAPH
THYMOL NF STANDARD
TMET

TOLU BALSAM ABS RES
TOLYLACETALDEHYDE
TOLYL GLYCERYL ACL
TRICHLOROPHENOL
GAMMA VALEROLACTONE

VANILLIDENEACETONE
VANILLIN CRUDE
VANILLIN USP
VERATRYL ALD TECH 1
VERATRYL ALD TECH 3

VERDANTIDOL
VERDYL ACETATE
VERDYL PROPIONATE EX
VERSALIDE S P
VERSALIDE PRIME

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PAGE NO. 22

DESCRIPTION

VERSALIDE DISTILLED
VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL
VETIVER RECTIFIED

VETIVER ACETATE MD
VETIVER ACT 112
VETIVER ACETATE CD
VETI ACETATE D CRUDE
VETI ACETATE EXTRA B

VETIVER RECTO SPEC
VIRIDINE
VIRIDINE CRUDE
META XYLENE
PARA XYLENE

YARA YARA PURE
YARA YARA PRIME
YARA YARA DISTILLED
YLANG YLANG TERPLS
ZINGERONE

F 4436 - Orange Oil Calif.
F 4467 - Lemon Oil Conc.

877240494

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PAGE NO. 1

DESCRIPTION

ACETAL CD
ACETAL R
ACETANISOLE
ACETATE C8
ACETATE C9

ACETATE C 10
ACETATE C11
ACETATE C 12
ACETATE PA
ACET EST PRENE KET

ACETOPHENONE EXTRA
ACETOPHENONE PRIME
ADOXAL NP
ADOXAL
ALCOHOL C8

ALCOHOL C 9
ALCOHOL C 9 CRUDE
ALCOHOL C10
ALC C11 UNDECYLENIC
ALDEHYDE C8

ALDEHYDE C 9
ALDEHYDE C10
ALD C10 DIME ACL
ALDEHYDE C10 IMPRT
ALD C11 UNDECYLENIC

ALD C11 UNDECYLIC
ALDEHYDE C12 LAURIC
ALDEHYDE C12 MNA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 2

DESCRIPTION

ALDEHYDE C16 PURE
ALDEHYDE C 18
ALLYL CAPROATE
ALLYL CYCLXN PRT
AMBREINE

AMBROGENE
AMROL CRUDE
AMYL BENZOATE
AMYL BUTYRATE
AMYL CINNAMIC ALD

AMYL CINNAMIC ALD CD
AMYL CINC ALD DIE ACL
AMYL CINNAMIC ALD PRI
AMYL FORMATE
AMYL PHENYLACETATE

AMYL PROPIONATE
AMYL SALICYLATE CD
AMYL SALICYLATE EX
AMYL SALICYLATE PRI
AMYRIS ACETATE

ANETHOLE TECHNICAL
ANETHOLE USP
ANISYL ALCOHOL
ANISYL ALCOHOL CRUDE
ANISOLE

ANISOLE COMMERCIAL
ANISYL ACETATE
ANISYL FORMATE
AUBEPINE BISUL COMPO
AUBEPINE NP

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PAGE NO. 3

DESCRIPTION

AUB FM ANETHOL IMPRT
AUDEPINE RES PURI
AUDEPINE SPECIAL S
AUDEPINE PRIME
AURANTIOL PURE

AURANTIOL PURE IMPT
BACCARTOL BRUT
BARTYL A
BAY OIL TERPLS DELA
BENZAL GLYCERYL ACL

BENZODIHYDROPYRONE
BENZON ABS RESIN
BENZON SUM ABS RES
BENZOPHENONE
BENZOPHENONE CRUDE

BENZOPHENONE DIST
BENZYL ACETATE CRUDE
BENZYL ACETATE EXTRA
BENZYL ACETATE COEUR
BENZYL ACETATE PRIME

BENZYL ACETATE PURIS
BENZYL ACETOACETATE
BENZYL ALCOHOL NF
BENZYL ALCOHOL PERF
BENZYL ALCOHOL TECH

BENZYL BENZOATE NF
BENZYL BUTYRATE
BENZYL CINNAMATE
BENZYL FORMATE
BENZYL ISOAMYL ETHER

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 4

DESCRIPTION

BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL
BENZYL ISOVALERATE
BENZYL LAURATE
BENZYL PHENYLACETATE

BENZYL PROPIONATE
BENZYL SALICYLATE NP
BERGAMOT D S T
BERGAMOT TERPENELESS
BIRCHTAR RECTIFIED

BOR REDISTILLED
BOR TERPENELESS D
BOR TERPENELESS
BOR FR BULK
BORNEOL CRUDE CRY

BORNEOL PURE CRY
BORNEOL FRACTIONS
BORNYL ACETATE F
BORNSTYROL
BUTTER ESTER

BUTYL BENZALDEHYDE
BUTYL KETONE
BUTYL LEVULINATE
BUTYL PHENYLACETATE
P T BUTYL TOLUENE

BUTYL UNDECYLENATE
BUTYL XYLENE
CALCIUM MALONATE
CAMPHOR SASY RED
CAMPHOR COLOR

877240498

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 5

DESCRIPTION

CAPROIC ACID RED
CAPRONIC ETHER LIGHT
CAPRYLENE RED
CAPRYLIC ACID REDIST
CARVACROL PRIME

CARVACROL TECHN NP
CARYOPHYLLENE
CARYOPHYLLENE B
CARYOPHYLLENE EXTRA
CARYOPHYLLENYL ALC

CARYOPHYLLENE OXIDE
CASTOREUM ABS RESIN
CEDAR KETONE
CEDARWOOD FR 2
CEDW FR FM CEDROL FR

CEDARWOOD FR BULK
CEDARWOOD FR 1
CEDARWOOD OIL RECTFD
CEDW OIL TEX RECTFD
CEDRENE FM CEDL ACT

CEDRENOL GD
CEDROL CRYSTALS
CEDROL PRIME
CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST

CETONE V
CETYL ALCOHOL NF
CETYL ALC EX NF CUBE
CETYL ALC EX NF SLAB
CHEMICAL C 144 TECH

877240499

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 6

DESCRIPTION

CHEMICAL A 7155
CHEMICAL B 3874
CHEMICAL E 324
CHEMICAL C 1650 TECH
CHEMICAL B 3617

CHEMICAL C 4876
CINNAMIC ACID PURE
CINNAMIC ACID TECH
CINNAMIC ALCOHOL CD
CINNAMIC ALCOHOL PR1

CINNAMIC ALC PURE
CINC ALC FM STYRAX
CINNAMIC ALDEHYDE
CINNAMON LF OIL RED
CIN LF FRS BULK

CINNAMYL ACETATE
CINL ANTHRANILATE
CINNAMYL BUTYRATE
CINNAMYL CINNAMATE
CINNAMYL ISOBUTYRATE

CINNAMYL PROPIONATE
CINNANYL ISOVALERATE
CITRAL PURE CP
CITRAL DIME ACL EX
CITRAL SS

CITRAL VS
CITRAL 80 CRUDE
CITRAL PURE NP
CITRAL 80 DISTILLED
CITRONELLA TERPS DG

877240500

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NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PRODUCTS

PAGE NO. 7

DESCRIPTION

CITRONELLAL
CITLOL GIVCO PRIME
CITRONELLOL GIVCO EX
CITRONELLOL EXTRA
CITRONELLOL EX IMPT

CITRONELLOL PRIME
CITRONELLOL SPECIAL
CITRONELLYL ACETATE
CITRONELLYL ACT CD
CITRONELLYL BUTYRATE

CITRONELLYL FORMATE
CITRONELLYL IBUYT
CITRONELLYL PRT
CIVET ABSOLUTE
CLOVE LEAF OIL RED

COMPOUND ESTER NO 1
COMPOUND 19 50 K
COMPOUND 30 SPECIAL
COMPOUND NO 1051
COMPOUND 1186 CAPT

CONSTITUENT NO 1
CONSTITUENT NO 4
CONSTITUENT NO 15
CORPS N 112
P CRESOL PURFD

PARA CRESYL ACETATE
P CRESYL ISOBUTYRATE
P CRESYL ME ETHER CD
P CRESYL ME ETHER
P CRESYL PHENYL ACT

877240501

STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 8

DESCRIPTION

CUMINYLACETALDEHYDE
CUMINIC ALDEHYDE
CUMINYL ALCOHOL PRI
CYCLAMEN ALD EXTRA
CYCLAMEN ALDEHYDE GD

CYCLAMEN ALCOHOL
CYCLAMEN ALD NP
CYCL ALD SPEC BLDING
CYCLOHEXYLACETONE
CYCLOHEXYLACETONE

CYCLOHEXYL CYCLXON
DCA
DCA ISOMER NV
DEHYDROLILIAL
DELPHENONE

DELAGENE
DELTYL EXTRA
DELTYL PRIME
DIBENZYL CRUDE
DIBENZYL REFINED

DIBENZYL ETHER RED
DIBENZYL KETONE
DIHEPTALDEHYDE
DIHYDRO ADOXAL
DIHYDROANETHOLE

DIHYDRO A IONONE CD
DIMETHYLOCTANOL FC
DIHYDRO PSEUDO IONONE
DIHYDRO SAFROL PURE
DIHYDROTERPINEOL CD

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STATISTICAL REPORT OF CHEMICAL
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PRODUCTS

PAGE NO. 9

DESCRIPTION

DIMETHYLACETOPH CO
DIMETHYLACETOPHENONE
DIMETHYL ANTH
DIMETHYLBENZYL CARB
DIMECARB ACETATE

D M D O
DIPENTENE
DIOXIN
DIPHENYLAMINE PURF
EL GENE

ESTRAGOLE
ETHONE
3 ETHOXY 4HYXTOLUENE
P ETHOXYBENZALD
ETHYL AMYL KETONE

ETHYL ANISATE
ETHYL BENZOATE
ETHYL CINNAMATE
ETHYL LAURATE
ETHYL LEVULINATE

ET MONOCHLOROACETATE
ETHYL MYRISTATE
PARA ETHYLPHENOL
ETHYL PELARGONATE
ET PHENYLGLYCIDATE

ETHYL PHENYLACETATE
ETHYL SALICYLATE
ETHYL UNDECYLENATE
EUGENOL ACETATE
EUGENOL BAY

877240503

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PAGE NO. 10

DESCRIPTION

EUGENOL TERPS BULK
EUG C 95 FM CLO LF
EUGENOL EXTRA USP
EUGENOL PRIME USP
FIR BALSAM ANHYDROL

FIR BALSAM ABS RESIN
FOLIONE
FOLROSIA
FURFURYL ACETATE
FUSEL OIL REFINED

GALBANUM ABS RESIN
GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC

GERANIOL CRUDE
GERANIOL PR 3 4
GERANIOL PRIME M CD
GERANIOL PRIME SUB
GERANIOL PURE

GERANIOL STANDARD
GERANIOL PURE M CD
GERANIOL FOR SOAP
GERANIOL RESIDUE SD
GERL TERPS BULK

GERANIUM ALG RECTFD
GERLN ACETATE PRI
GERLN ACT PRI M CD
GERANYL ACETATE PURE
GERANYL ACETATE Y

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PAGE NO. 11

DESCRIPTION

GERANYL BENZOATE
GERANYL BUTYRATE
GERANYL FORMATE
GERANYL PHENYLACT
GERANYL PROPIONATE

GERMIZONE
GIVCOMENTHE GF F3843
GIV TAN F
GIV TAN CRUDE
GIV 2 949

GIV 2 956
GUAIAWOOD ACT EXT
GUAIACOL PHENYLACT
GUAIAWOOD ACT PRIME
G 4 PURE D

G 4 PURE
G 4 TECH MICRONIZED
G 4 TECH FINE GRIND
G 4 TECHNICAL
G 4 TECH FOR G 4 40

G 4 40 TECH
G 5
G 5 PURE
G 11
G 11 SPRAY DRIED

G 11 FINE GRIND
G 11 MICRONIZED
HEL IOTROPIN CRUDE
HEL IOTROPIN CRYSD
HEL IOTROPIN DIST

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PAGE NO. 12

DESCRIPTION

HELIOTROPIN RECRYSD
HEXAHYDROPSILONONE
HEXALDEHYDE
2 HEXENAL
HEXYL BENZOATE

HEXYLCINNAMIC ALD
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A
HYDROLENE
HYDROLENE CRUDE

HYDROLENE HD
HYDROLENE P 60
HYDROLENE RL EXTRA
HYCITAL DIME ACL
HYDROXYCITRONELLOL

INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE
IRISONE ALPHA NP
IRISONE ALPHA CRUDE

IRISONE A EX WHITE
IRISONE BETA PURE
IRISONE BIS
IRISONE COEUR
IRISONE CRUDE A

IRISONE CD ALPHA S D
IRISONE PURE
IRISONE PURE CRUDE
IRISONE RESIDUE PURI
ISOAMYL ETHER

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STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 13

DESCRIPTION

ISODMYL UNDECYLENATE
ISOBORNYL ACETATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT

IBUTL PHENYLACT CD
ISOBUTYL SALICYLATE
IBUTL UNDECYLENATE
ISOCYCLOCITRAL LG
ISO EUGENOL

ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL EXTRA
ISOEUGENOL EXTRA MFG
ISOEUGENOL PHENYLACT

ISOLORAL
ISOMENTHONE PURE
ISOMENTHONE P
P ISOPROPYLPHENOL
ISOPULEGOL ACETATE

ISOPULEGOL FRACT
ISOPULEGOL H
ISOPULEGOL PURIFIED
ISOPULEGOL TAC
ISOPULEGOL TECHNICAL

ISOSAFROLE
ISOSAFROLE DIST
ISOTHYMOL
ISOVALERIC ALDEHYDE
JASHONYL

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 14

DESCRIPTION

JASMONYL OCA
JASMONYL GD
JUNOX
KETONAROME POWDERED
LABDANUM ABS RES

LAURINE PURE
LAURINE FOR MFG
LAURINE EXTRA
LAURINE RES PURIFIED
LAURYL ALCOHOL

LAVE SPIKE TERPLS
LAVE SPIKE ACYTD TER
LAVA ACYTD TERPLS
LEMON FIVE X TYPE 2
LEMON OIL FIVE FOLD

LEMON OIL WASHED
LEMONGRASS OIL RED
LILIAL
LILLOL EXTRA GD
LIME OIL 5 X TYPE 2

LINAL FM BDR IMPRT
LINALOOL BRAZILIAN D
LINALOOL BRAZ CO
LINALOOL
LINALOOL EXTRA

LINALOOL EX BRAZIL D
LINALOOL PURISSIME
LINALOOL SYN EXTRA
LINALOOL SYN PRIME
LINAL ACT 92 PCT

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

LINALYL ACT 92 PCT D
 LINALYL ACT BRAZ CD
 LINALYL ACT 96 97 PC D
 LINALYL ACT EXTRA
 LINALYL ACT SYN PRI

LINALYL ACETATE TAC
 LINALYL BENZOATE
 LINALYL BUTYRATE
 LINALYL CINNAMATE
 LINALYL FORMATE

LINALYL ISOBUTYRATE
 LINALYL PROPIONATE
 MANDARIN OIL TERPLS
 MARANIOL
 MATE ABSOLUTE RESIN

MELONAL
 MENTHANYL ACETATE
 MENTHOL T CRUDE
 I PARA MENTHENE
 MENTHOL USP RACEMIC

MENTHOL 20 NON USP
 MENTHOL RAC NON USP
 MENTHONE RAC PURE
 MENTHYL ACETATE N P
 MENTHYL ACETATE RAC

METHYLACETOPHENONE
 METHYL ANISATE
 METHYL ANTHRT STD
 METHYL ANTHRT EX
 ME ANTHRANILIC ACID

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PAGE NO. 16

DESCRIPTION

P METHYLBENZALD
METHYL CARBITOL
METHYL CINNAMATE
A METHYLCINNAMIC ALD
METHYLCOUMARIN

6 ME 3 4 DIHYDROCOUM
METHYLCYCLOHEXYL PRT
METHYL DIPHENYL ETH
ME DIPHENYL ETHER PG
METHYLEUGENOL

METHYLHEPTENONE N P
METHYL HEXYL KETONE
P METHYLHYOTP ALD
METHYLISOEUGENOL
METHYL NON KETN RED

ME O MEXY BENZOATE
METHYL PHENYLACETATE
P METHYLPH ME CARBL
METHYL PHENYLPRY
METHYL UNDECYLENATE

MOSKENE
MUSK AMBRETTE TECH
MUSK AMBRETTE
MUSK KETONE
MUSK TIBETENE

MUSK XYLOL
MYRCENE
MYRCENE REDISTILLED
MYRISTYL ALC SPEC
MYRISTYL ALC SPEC CU

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PAGE NO. 17

DESCRIPTION

MYRRH ABSOLUTE RESIN
NEOFOL IONE
NEROL PRIME
NEROLIN CRYSTALS
NERONE

NERYL ACETATE PRIME
NONOIC ACID PURE
NOBRICOL
NOPOL ACETATE
OAK MOSS ABSOLUTE RE

OAKMOSS ACIDS
GAMMA OCTALACTONE
3 OCTANOL
OCTYL ISOBUTYRATE
OLIBANUM ABS RES

OPOPONAX ABS RE
OPOPONAX SR
ORANGE OIL AFR 5X
ORANGE OIL FL 5 X
ORANGE TERPENES DECO

ORANGER CRYSTALS
ORANGER LIQUID
OTR DIPENTENE OR FR
OTR RESIDUE SD
PALMITIC ACID PURI

P I C
PARVONE
PATCHOULI OIL NDT
PEPMT RES LTCOL BULK
PERU BALSAM

877240511

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 18

DESCRIPTION

PERU BALSAM OIL G
PERU BALSAM ANHYDROL
PERU BALSAM ABS RE
PETITGRAIN OIL RECTD
PETI OIL TERPLS EX

PHELLANDRENE
PHENOXYETHYL IBUYT
PHENYLACETALD PURE
PHENYLACETALD EXTRA
PHENYLACETALD CRUDE

PHACETALD ETN ACL
PHAA DIBENZYL ACETAL
PHENYLACETIC ACID CD
PHENYLACTC ACID DIST
PHENYLACTC ACID PURE

PHENYLETHYL ACETAL
PHENYLETHYL ACETATE
PHENYLETHYL ALC NF
PEA NF COEUR
PEA NF EXTRA

PEA NF PRIME
P E A RESIDUE RED
PHENYLETHYL ANTHY
PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE

PHENYLETHYL CINT
PHENYLETHYL FORMATE
PHENYLETHYL IBUYT
PHENYLETHYL IVALT
PHENYLETHYL METHACRY

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STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 19

DESCRIPTION

PHENYLETH PHENYLACT
PHENYLETHYL PROPT
PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL

PH PROPYL ALC CRUDE
PHENYLPROPYL ALD
PHENYLPROPYL CINT
PHENYLPROPYL FORMATE
PINACOL

PIPERITONE
NORMAL PROPYL ACETAL
PROPIONYL CL CRUDE
PROPYL CAPROATE
PSEUDOCETONE V

D PULEGONE
PYROLYSATE ESTER
PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE CRUDE

PSEUDOIONONE SPECIAL
PSEUDORALDEINE A CD
PSEUDORALDEINE A RED
PSEUDORALDEINE A
PSEUDORALDEINE D CD

PSEUDORALDEINE D
PSEUDORALDEINE D N P
RACEMIC ACID
RACEMIC ESTER
RALDEINE A

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 20

DESCRIPTION

RALDEINE A CRUDE
RALDEINE D CRUDE
RALDEINE D
RALD GAMMA PRIME GD
RALDEINE GAMMA PRIME

RALDEINE GAMMA PURE
RALDEINE OMEGA CRUDE
RALD GAMMA PURE NP
RALDEINE OMEGA
RALDEINE D PRIME

RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL
RHODINYL ACETATE
RHODINYL BUTYRATE

RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACETOL
ROSE ABSOLUTE MAROC

ROSMARY TERPLS A4958
ROSOXIDE 90
SAFROLE
SAFROLE DISTILLED
SANDELA CONCENTRATE

SANDELA GD
SANDELA 10
SANTALOL IMPORTED
SANTALOL
SANTALYL ACETATE

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STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 21

DESCRIPTION

SASSAFRAS ARTI KH
SINPINE
SINPINE REDIST
SPICE TERPENES BULK
STABILIZER NO 1

STABILIZER NO 1 DIP
STABILIZER NO 9A E1
STABILIZER O 12
STYRAX ABSOLUTE RES
STYRAX RESIN NO 10

STYRONE RESIN
SUNSCREEN NO 2
TALCUM CONTAINING G 11
TERENOL
TERPINENOL

TERPINEOL EXTRA
TERPINEOL PRIME
A TERPINEOL RECRYD
TERPINOLENE
TERPINOLENE P

A TERPINYL ACETATE
TERPINYL ACETATE EX
TERPINYL ACT EXTRA 2
TERPINYL ACT EX CD
TERPINYL ACETATE PRI

TERPINYL ACT PRI CD
TERPINYL PROPIONATE
TERPINYL PROPT CD
TETHYFURF BUTYRATE
TETRAHYDROPSIONONE

877240515

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 22

DESCRIPTION

TETHYPSUEDIONONE NP
TETRAHYDROLINALOOL
THYMOL NP CD NO 1&2
THYMOL DISTILLED
THYMOL NF

THYMOL NF FINE CRYST
THYMOL NF PHOTOGRAPHIC
THYMOL NF STANDARD
THYMOL NF
TOLU BALSAM ABS RES

TOLYLACETALDEHYDE
TOLYL ALDEHYDE
TOLYL GLYCERYL ACRYL
TRICHLOROPHENOL
GAMMA VALEROLACTONE

VANILLIN USP FM EUG
VANILLIN CRUDE
VANILLIN USP
VERATRYL ALD TECH 1
VERATRYL ALD TECH 3

VERDANTHOL
VERDYL ACETATE
VERDYL PROPIONATE EX
VERSALIDE S P
VERSALIDE LIQUID

VERSALIDE PRIME
VERSALIDE DISTILLED
VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL

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PRODUCTS

PAGE NO. 23

DESCRIPTION

VETIVER RECTIFIED
VETIVER ACETATE MD
VETIVER ACT 112
VETIVER ACETATE CD
VETI ACETATE B CRUDE

VETI ACETATE EXTRA B
VETIVER RECTO SPEC
VIRIDINE
VIRIDINE CRUDE
META XYLENE

PARA XYLENE
YARA YARA PURE
YARA YARA PRIME
YARA YARA DISTILLED
YLANG YLANG TERPLS

ZINGERONE

F 4436 - Orange
F 4467
F 5475
F 5531

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PAGE NO. 1

DESCRIPTION

ACETAL CD
ACETAL R
ACETANISOLE
ACETATE C8
ACETATE C9

ACETATE C 10
ACETATE C11
ACETATE C 12
ACETATE PA
ACET EST PRENE KET

ACETOPHENONE EXTRA
ACETOPHENONE PRIME
ADOXAL NP
ADOXAL
ALCOHOL C8

ALCOHOL C 9
ALCOHOL C 9 CRUDE
ALCOHOL C10
ALC C11 UNDECYLENIC
ALDEHYDE C8

ALDEHYDE C 9
ALDEHYDE C10
ALD C10 DIME ACL
ALDEHYDE C10 IMPRT
ALD C11 UNDECYLENIC

ALD C11 UNDECYLIC
ALDEHYDE C12 LAURIC
ALDEHYDE C12 MNA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 2

DESCRIPTION

ALDEHYDE C16 PURE
ALDEHYDE C 18
ALLYL CAPROATE
ALLYL CYCLXN PRT
AMBRE INE

AMBROGENE
AMBROL
AMBROL CRUDE
AMYL DENZOATE
AMYL BUTYRATE

AMYL CINNAMIC ALD
AMYL CINNAMIC ALD CD
AMYL CINN ALD DIE ACL
AMYL CINNAMIC ALD PRI
AMYL FORMATE

AMYL PHENYLACETATE
AMYL PROPIONATE
AMYL SALICYLATE CD
AMYL SALICYLATE EX
AMYL SALICYLATE PRI

AMYRIS ACETATE
ANETHOLE TECHNICAL
ANETHOLE USP
ANISYL ALCOHOL
ANISOLE

ANISYL ACETATE
ANISYL FORMATE
AUBEPINE BISUL COMPD
AUBEPINE NP
AUB FM ANETHOL IMPRT

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 3

DESCRIPTION

AUBEPINE RES PURI
AUBEPINE NP 2
AUBEPINE SPECIAL S
AUBEPINE PRIME
AURANTIOL PURE

AURANTIOL PURE IMPT
BACCARTOL BRUT
BARTYL A
BAY OIL TERPLS DELA
BENZAL GLYCERYL ACL

BENZODIHYDROPYRONE
BENZOIN ABS RESIN
BENZOIN SUM ABS RES
BENZOPHENONE
BENZOPHENONE CRUDE

BENZOPHENONE DIST
BENZYL ACETATE CRUDE
BENZYL ACETATE EXTRA
BENZYL ACETATE COEUR
BENZYL ACETATE PRIME

BENZYL ACETATE PURIS
BENZYL ACETOACETATE
BENZYL ALCOHOL NF
BENZYL ALCOHOL PERF
BENZYL ALCOHOL TECH

BENZYL BENZOATE USP
BENZYL BUTYRATE
BENZYL CINNAMATE
BENZYL FORMATE
BENZYL ISOAMYL ETHER

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PAGE NO. 4

DESCRIPTION

BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL
BENZYL ISOVALERATE
BENZYL PHENYLACETATE
BENZYL PROPIONATE

BENZYL SALICYLATE NP
BERGAMOT D S T
BERGAMOT TERPENELESS
BIRCHTAR RECTIFIED
BDR REDISTILLED

BDR TERPENELESS D
BDR TERPENELESS
BDR FR BULK
BORNEOL PURE CRY
BORNEOL FRACTIONS

BORNYL ACETATE F
BROMSTYROL
BUTOXY SAFROLE
BUTTER ESTER
BUTYLBENZALDEHYDE

BUTYL KETONE
BUTYL LEVULINATE
BUTYL PHENYLACETATE
P T BUTYL TOLUENE
BUTYL UNDECYLENATE

BUTYL XYLENE
CALCIUM MALONATE
CAMPHOR SASSY RED
CAMPHOR COLOR
CAPROIC ACID RED

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DESCRIPTION

CAPRONIC ETHER LIGHT
CAPRYLENE RED
CAPRYLIC ACID REDIST
CARVACROL PRIME
CARVACROL TECH NP

CARYOPHYLLENE
CARYOPHYLLENE B
CARYOPHYLLENE EXTRA
CARYOPHYLLENYL ALC
CARYOPHYLLENE OXIDE

CASTOREUM ABS RESIN
CEDAR KETONE
CEDARWOOD FR 2
CEDW FR FM CEDROL FR
CEDARWOOD FR BULK

CEDARWOOD FR 1
CEDW OIL TEX RECTFD
CEDRENE FM CEDL ACT
CEDRENOL GO
CEDROL CRYSTALS

CEDROL PRIME
CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST
CETONE V
CETYL ALCOHOL NF

CETYL ALC EX NF CUBE
CETYL ALC EX NF SLAB
CHEMICAL C 144 TECH
CHEMICAL A 7155
CHEMICAL B 3874

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DESCRIPTION

CHEMICAL E 324
CHEMICAL C 1650 TECH
CHEMICAL B 3617
CHEMICAL C 4876
CINNAMIC ACID PURE

CINNAMIC ACID TECH
CINNAMIC ALCOHOL CD
CINNAMIC ALCOHOL PRI
CINNAMIC ALC PURE
CINC ALC FM STYRAX

CINNAMIC ALDEHYDE
CINNAMON LF OIL RED
CINLF SEYCH REDIST
CIN LF FRS BULK
CINNAMYL ACETATE

CINL ANTHRANILATE
CINNAMYL BUTYRATE
CINNAMYL CINNAMATE
CINNAMYL ISOBUTYRATE
CINNAMYL PROPIONATE

CINNAMYL ISOVALERATE
CITRAL PURE CP
CITRAL FOR MFG
CITRAL DIME ACL EX
CITRAL SS

CITRAL VS
CITRAL 80 CRUDE
CITRAL PURE NP
CITRAL 80 DISTILLED
CITRONELLA TERPS DG

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DESCRIPTION

CITRONELLAL
CITLOL GIVCO PRIME
CITRONELLOL GIVCO EX
CITRONELLOL EXTRA
CITRONELLOL PRIME

CITRONELLOL SPECIAL
CITRONELLYL ACETATE
CITRONELLYL ACT CO
CITRONELLYL BUTYRATE
CITRONELLYL FORMATE

CITRONELLYL IBUYT
CITRONELLYL PRT
CIVET ABSOLUTE
CLOVE LEAF OIL RED
CLOVE LEAF TERPENES

COMPOUND ESTER NO 1
COMPOUND 19 50 K
COMPOUND 30 SPECIAL
COMPOUND NO 1010
COMPOUND NO 1051

COMPOUND 1186 CAPT
CONSTITUENT NO 1
CONSTITUENT NO 4
CONSTITUENT NO 15
CORPS N 112

P CRESOL PURFD
PARA CRESYL ACETATE
P CRESYL ISOBUTYRATE
P CRESYL ME ETHER CO
P CRESYL ME ETHER

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PAGE NO. 8

DESCRIPTION

P CRESYL PHENYL ACT
M CRESYL PHENYLACT
CUMINYL ACETALDEHYDE
CUMINIC ALDEHYDE
CUMINYL ALCOHOL PRI

CYCLAMEN ALD GIVCO
CYCLAMEN ALD EXTRA
CYCLAMEN ALDEHYDE GD
CYCLAMEN ALCOHOL
CYCLAMEN ALD NP

CYCL ALD SPEC BLDING
CYCLOHEXYLACETONE
CYCLOHEXYLACETONE
CYCLOHEXYLCYCLXON
DCA

DCA ISOMER NV
DEHYDROLILIAL
DELPHENONE
DELAGENE
DELYL EXTRA

DELYL PRIME
DIBENZYL CRUDE
DIBENZYL REFINED
DIBENZYL ETHER RED
DIBENZYL KETONE

DIHEPTALDEHYDE
DIHYDRO ADOXAL
DIHYDROANETHOLE
DIHYDRO A IONONE CD
DIMETHYLOCTANOL FC

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PRODUCT

PAGE NO. 2

DESCRIPTION

DIHYDRO PSEUDO IONONE
DIHYDRO SAPROL PURE
DIHYDRO TERPINEOL CO
DIMETHYL ACETOPH CO
DIMETHYL ACETOPHENONE

DIMETHYL ANTH
DIMETHYL BENZYL CARBL
DIME BENZYL CARBL ACT
D H D O
DIMETHYLOCTANOL SYN

DIPENTENE
DIOXIN
DIPHENYLAMINE PURP
ELCENE
ESTRAGOLE

ETHONE
3 ETHOXY 4 HYXTOLUENE
P ETHOXY BENZALD
ETHYL AMYL KETONE
ETHYL ANISATE

ETHYL BENZOATE
ETHYL CINNAMATE
ETHYL LAURATE
ETHYL LEVULINATE
ET MONOCHLOROACETATE

PARA ETHYL PHENOL
ETHYL PELARGONATE
ET PHENYL GLYCIDATE
ETHYL PHENYLACETATE
ETHYL SALICYLATE

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PAGE NO. 10

DESCRIPTION

ETHYL UNDECYLENATE
EUGENOL ACETATE
EUGENOL BAY
EUGENOL TERPS BULK
EUG C 95 FM CLO LF

EUGENOL EXTRA USP
EUGENOL EXTRA NP
EUGENOL PRIME USP
FIR BALSAM ANHYDROL
FIR BALSAM ABS RESIN

FOL IONE
FOL ROSIA
FURFURYL ACETATE
FUSEL OIL REFINED
GALBANUM ABS RESIN

GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC
GERANIOL CRUDE

GERANIOL L FRACTIONS
GERANIOL PR 3 4
GERANIOL PRIME M CD
GERANIOL PRIME SUB
GERANIOL PURE

GERANIOL STANDARD
GERANIOL PURE M CD
GERANIOL FOR SOAP
GERANIOL RESIDUE SD
GERL TERPS BULK

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PAGE NO. 11

DESCRIPTION

GERANIUM ALG RECTFD
GERM BOURBON RECTD
GERLN ACETATE PRI
GERLN ACT PRI M CD
GERANYL ACETATE PURE

GERANYL ACETATE Y
GERANYL BENZOATE
GERANYL BUTYRATE
GERANYL FORMATE
GERANYL PHENYLACT

GERANYL PROPIONATE
GERMIZONE
GIVCOMENTHE GF F3843
GIV TAN F
GIV TAN CRUDE

GIV 2 949
GIV 2 956
GIV 2 1901
GUAIACWOOD ACT EXT
GUAIACOL PHENYLACT

GUAIACWOOD ACT PRIME
G 4 PURE D
G 4 PURE
G 4 TECH MICRONIZED
G 4 TECH FINE GRIND

G 4 TECHNICAL
G 4 TECH FOR G 4 40
G 4 40 TECH
G 5
G 11

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NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 12

DESCRIPTION

G 11 SPRAY DRIED
G 11 FINE GRIND
G 11 MICRONIZED
HEL IOTROPIN CRYSD
HEL IOTROPIN DIST

HEL IOTROPIN RECRYSD
HEXAHYDROPSIONONE
HEXALDEHYDE
2 HEXENAL
HEXYL BENZOATE

HEXYLCINNAMIC ALD
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A
HYDROLENE
HYDROLENE CRUDE

HYDROLENE HO
HYDROLENE P 60
HYDROLENE RL EXTRA
HYCITAL DIME ACL
HYDROXYCITRONELLOL

INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE
IRISONE ALPHA NP
IRISONE ALPHA CRUDE

IRISONE ALPHA EX WH
IRISONE BETA CRUDE
IRISONE BETA PURE
IRISONE BIS
IRISONE COEUR

877240529

STATISTICAL REPORT OF CHEMICAL
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PRODUCTS

PAGE NO. 13

DESCRIPTION

IRISONE CD ALPHA S D
IRISONE PURE
IRISONE PURE CRUDE
ISOMYL ETHER
ISOMYL UNDECYLENATE

ISOBORNYL ACETATE
ISOBORNYL PROPIONATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT

IBUTL PHENYLACT CD
ISOBUTYL SALICYLATE
IBUTL UNDECYLENATE
ISOCYCLOCITRAL LG
ISO EUGENOL

ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL EXTRA
ISOEUGENOL EXTRA MFG
ISOEUGENOL PHENYLACT

ISOLORAL
ISOMENTHONE PURE
ISOMENTHONE P
P ISOPROPYL PHENOL
ISOPULEGOL ACETATE

ISOPULEGOL FRACT
ISOPULEGOL M
ISOPULEGOL M EXTRA
ISOPULEGOL PURIFIED
ISOPULEGOL TAC

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 14

DESCRIPTION

ISOPULEGOL TECHNICAL
ISOSAFROLE
ISOSAFROLE DIST
ISOTHYMOL
ISOVALERIC ALDEHYDE

JASMONYL
JASMONYL OCA
JASMONYL GD
JUNOX
KETONAROME POWDERED

LABDANUM ABS RES
LAURINE PURE
LAURINE FOR MFG
LAURINE EXTRA
LAURINE RES PURIFIED

LAURINE STABILIZED D
LAURYL ALCOHOL
LAVE SPIKE TERPLS
LAVA ACYTD TERPLS
LEMON FIVE X TYPE 2

LEMON OIL FIVE FOLD
LEMON OIL WASHED
LEMONGRASS OIL RED
LILIAL
LILOL EXTRA GD

LIME OIL 5 X TYPE 2
LIME OIL WASHED
LINAL FM BOR IMPRT
LINALOOL BRAZILIAN D
LINALOOL BRAZ CD

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 15

DESCRIPTION

LINALOOL
LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME
LINYL ACT 92 PCT

LINALYL ACT 92 PCT D
LINALYL ACT BRAZ CD
LINYL ACT 96 97 PC D
LINYL ACT EXTRA
LINALYL ACETATE TAC

LINALYL BENZOATE
LINALYL BUTYRATE
LINALYL FORMATE
LINALYL ISOBUTYRATE
LINALYL PROPIONATE

MANDARIN OIL TERPLS
MARANIOL
MATE ABSOLUTE RESIN
MELONAL
MENTHANYL ACETATE

MENTHOL T CRUDE
I PARA MENTHENE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP
MENTHOL RAC NON USP

MENTHONE RAC PURE
MENTHYL ACETATE N P
MENTHYL ACETATE RAC
METHYLACE TOPHENONE
METHYL ANISATE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 16

DESCRIPTION

METHYL ANTHRANTHIC ACID
METHYL ANTHRANTHIC ACID
3 METHYL BUTYRIC ACID
ME ANTHRANILIC ACID
P METHYL BENZALDEHYDE

METHYL CARBITOL
METHYL CINNAMATE
A METHYL CINNAMIC ALD
METHYL COUMARIN
6 ME 3 4 DIHYDROCOUM

METHYL CYCLOHEXYL PRT
METHYL DIPHENYL ETH
ME DIPHENYL ETHER PG
METHYLEUGENOL
METHYL HEPTENONE NP

METHYL HEXYL KETONE
P METHYL HYDTP ALD
METHYL ISOEUGENOL
METHYL NON KETN RED
ME O MEXY BENZOATE

METHYL PHENYLACETATE
P METHYL PH ME CARBL
METHYL PHENYL PRT
METHYL UNDECYLENATE
MOSKENE

MUSK AMBRETTE
MUSK KETONE
MUSK TIBETENE
MUSK XYLOL
NYRCENE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 17

DESCRIPTION

MYRAL GD
MYRCENE REDISTILLED
MYRISTYL ALC SPEC
MYRISTYL ALC SPEC CU
MYRRH ABSOLUTE RESIN

NEOFOL IONE
NEROL PRIME
NEROLIN CRYSTALS
NERONE
NERYL ACETATE PRIME

NONDIAC ACID PURE
NOBRICOL
NOPOL ACETATE
OAK MOSS ABSOLUTE RE
OAKMOSS ACIDS

GAMMA OCTALACTONE
3 OCTANOL
OCTYL BUTYRATE
OCTYL ISOBUTYRATE
OLIBANUM ABS RES

OPOPONAX ABS RE
OPOPONAX SR
ORANGE OIL AFR 5X
ORANGE OIL CAL 5X
ORANGE OIL FL 5 X

ORANGE TERPENES DECO
ORANGER CRYSTALS
ORANGER LIQUID
OTR DIPENTENE OR FR
OTR RESIDUE SD

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 18

DESCRIPTION

PALMITIC ACID PURI
P I C
PATCHOULI OIL NDT
PEPMT RES LTCOL BULK
PERU BALSAM

PERU BALSAM OIL G
PERU BALSAM ANHYDROL
PERU BALSAM ABS RE
PETITGRAIN OIL RECTD
PETI OIL TERPLS EX

PHELLANDRENE
PHENOXYETHYL IDUYT
PHENYLACETALD PURE
PHENYLACETALD EXTRA
PHENYLACETALD CRUDE

PHACETALD ETN ACL
PHAA DIBENZYL ACETAL
PHENYLACETIC ACID CD
PHENYLACTC ACID DIST
PHENYLACTC ACID PURE

PHENYLETHYL ACETAL
PHENYLETHYL ACETATE
PHENYLETHYL ALC NF
PEA NF COEUR
PEA NF EXTRA

PEA NF PRIME
P E A RESIDUE RED
PHENYLETHYL ANHT
PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE

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STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 19

DESCRIPTION

PHENYLETHYL CINT
PHENYLETHYL FORMATE
PHENYLETHYL IBUYT
PHENYLETHYL IVALT
PHENYLETHYL METHACRY

PHENYLETH PHENYLACT
PHENYLETHYL PROPT
PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL

PH PROPYL ALC CRUDE
PHENYLPROPYL ALD
PHENYLPROPYL FORMATE
PINACOL
PIPERITONE

NORMAL PROPYL ACETAL
PROPIONYL CL CRUDE
PSEUDOCETONE V
D PULEGONE
PYROLYSATE ESTER

PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE CRUDE
PSEUDOIONONE SPECIAL
PSEUDORALDEINE A CD

PSEUDORALDEINE A RED
PSEUDORALDEINE A
PSEUDORALDEINE D CD
PSEUDORALDEINE D
PSEUDORALDEINE D N P

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 20

DESCRIPTION

RACEMIC ACID
RACEMIC ESTER
RALDEINE A
RALDEINE AS NO 2 G
RALDEINE A CRUDE

RALDEINE D CRUDE
RALDEINE D
RALD GAMMA PRIME GD
RALDEINE GAMMA PRIME
RALDEINE GAMMA PURE

RALDEINE OMEGA CRUDE
RALD GAMMA PURE NP
RALDEINE OMEGA
RALDEINE D PRIME
RALDEINE 93

RHODINOL EXTRA
RHODINOL SPECIAL
RHODINOL 70
RHODINYL ACETATE
RHODINYL BUTYRATE

RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACETOL
ROSE ABSOLUTE MAROC

ROSMARY TERPLS A495B
RDSOXIDE 90
SAFROLE
SAFROLE DISTILLED
SANDELA CONCENTRATE

877240537

STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 21

DESCRIPTION

SANDELA GD
SANDELA 10
SANTALOL
SANTALYL ACETATE
SASSAFRAS ARTI KH

SINPINE
SINPINE REDIST
SPICE TERPENES BULK
STABILIZER NO 1
STABILIZER NO 1 DIP

STABILIZER NO 9A E1
STABILIZER D 12
STYRAX ABSOLUTE RES
STYRAX RESIN NO 10
STYRONE RESIN GRD

SUNSCREEN NO 2
SUNSCREEN NO 5
TALCUM CONTAINING G 11
TERENOL
TERPINENOL

TERPINEOL EXTRA
TERPINEOL PRIME
A TERPINEOL RECRYD
TERPINOLENE
TERPINOLENE P

A TERPINYL ACETATE
TERPINYL ACETATE EX
TERPINYL ACT EXTRA 2
TERPINYL ACT EX CD
TERPINYL ACETATE PRI

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 22

DESCRIPTION

TERPINYL ACT PRI CD
TERPINYL PROPIONATE
TERPINYL PROPT CD
TETRAHYDROPSIONONE
TETHYSEUDOIONONE NP

TETRAHYDROLINALOOL
THYMOL NP CD NO 1&2
THYMOL DISTILLED
THYMOL NF
THYMOL NF FINE CRYST

THYMOL NF PHOTOGRADE
THYMOL NF PHOTOGRA 2X
THYMOL NF STANDARD
TMET
TOLU BALSAM ABS RES

TOBACCO GLEORESIN
TOLYLACETALDEHYDE
TOLYL ALDEHYDE
TOLYL GLYCERYL ACL
TRICHLOROPHENOL

GAMMA VALEROLACTONE
VANILLIN USP FM EUG
VANILLIN CRUDE
VANILLIN USP
VERATRYL ALD TECH 1

VERDYL ACETATE
VERDYL PROPIONATE EX
VERSALIDE S P
VERSALIDE PRIME
VERSALIDE DISTILLED

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 23

DESCRIPTION

VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL
VETIVER RECTIFIED
VETIVER ACETATE MD

VETIVER ACT 112
VETIVER ACETATE CD
VETI ACETATE B CRUDE
VETI ACETATE EXTRA B
VETIVER RECTO SPEC

VIRIDINE
VIRIDINE CRUDE
META XYLENE
YARA YARA PURE
YARA YARA PRIME

YARA YARA DISTILLED
YLANG YLANG TERPLS
ZINGERONE

F 4436
F 4467

F 5475
R 0832

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 1

DESCRIPTION

ACETAL CO
ACETAL R
ACETAMISOLE
ACETATE C8
ACETATE C9

ACETATE C 10
ACETATE C11
ACETATE C 12
ACETATE PA
ACET EST PRENE KET

ACETONE
ACETOPHENONE EXTRA
ACETOPHENONE PRIME
ADOXAL NO
ADOXAL

ALCOHOL C8
ALCOHOL C9
ALCOHOL C 9 CRUDE
ALCOHOL C10
ALC C11 UNDECYLENIC

ALDEHYDE C8
ALDEHYDE C 9
ALDEHYDE C10
ALD C10 DIME ACL
ALDEHYDE C10 IMPRT

ALD C11 UNDECYLENIC
ALD C11 UNDECYLIC
ALDEHYDE C 12 LAURIC
ALDEHYDE C 12 MNA
ALDEHYDE C14 PURE

ALD C14 MYRISTIC
ALDEHYDE C16 PURE
ALDEHYDE C 18
ALLYL CAPROATE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 2

DESCRIPTION

ALLYL CYCLXN PRT
 AMBREINE
 AMBROSENE
 AMBROX CRUDE
 AMYL BENZOATE

AMYL BUTYRATE
 AMYLCINNAMIC ALD
 AMYLCINNAMIC ALD CO
 AMYLCINIC ALD DIE ACL
 AMYLCINNAMIC ALD PRI

AMYL FORMATE
 AMYL PHENYLACETATE
 AMYL PROPIONATE
 AMYL SALICYLATE CO
 AMYL SALICYLATE EX

AMYL SALICYLATE PRI
 AMYRIK ACETATE
 ANETHOL TECHNICAL
 ANISYL ALCOHOL
 ANISYL ALCOHOL CRUDE

ANISOLE
 ANISOLE COMMERCIAL
 ANISYL ACETATE
 ANISYL FORMATE
 AUREPINE BISUL COMPD

AUREPINE NP
 AUR FAN ANETHOL IMPRT
 AUREPINE NP 2
 AUREPINE PRIME
 AURANTIOL PURE

AURANTIOL PURE IMPT
 PACCANTOL BRUT
 RAY OIL TERPENS DELA
 RAY OIL TERPENES

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PAGE NO. 3

DESCRIPTION

BENZAL GLYCERYL ACL
BENZODIHYDROPYRONE
BENZON ABS RESIN
BENZON SUM ABS RES
BENZOPHENONE

BENZOPHENONE CRUDE
BENZOPHENONE DIST
BENZOPHENONE TECH
BENZYL ACETATE CRUDE
BENZYL ACETATE EXTRA

BENZYL ACETATE COEUR
BENZYL ACETATE PRIME
BENZYL ACETATE PURIS
BENZYL ACETOACETATE
BENZYL ALCOHOL NF

BENZYL ALG FOR HPG
BENZYL ALCOHOL TECH
BENZYL BENZOATE USP
BENZYL BUTYRATE
BENZYL CINNAMATE

BENZYL FORMATE
BENZYL ISOAMYL ETHER
BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL
BENZYL ISOVALERATE

BENZYL LAURATE
BENZYL PHENYLACETATE
BENZYL PROPIONATE
BENZYL SALICYLATE NF
BERCAMOT D S T

BERCAMOT TERPENELESS
CIRENTAR RECTIFIED
PDR REDISTILLED
BDP TERPENELESS

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 4

DESCRIPTION

BORNEOL BULK
BORNEOL CRUDE CRY
BORNEOL PURE CRY
BORNEOL FRACTIONS
BORNYL ACETATE F

B OR A NITSTYRE TECH
BORNSTYROL
BUTTER ESTER
BUTYL BENZALDEHYDE
BUTYL KETONE

BUTYL LEVULINATE
BUTYL PHENYLACETATE
P T BUTYL TOLUENE
BUTYL UNDECYLENATE
BUTYLXYLENE

CALCIUM MALONATE
CAMPHOR SASY KH
CAMPHOR SASY RED
CAMPHOR COLOR
CAPROIC ACID RED

CAPRONIC ETHER LIGHT
CAPRYLENE RED
CAPRYLIC ACID REDIST
CARVACROL PRIME
CARVACROL TECH NP

CARYOPHYLLENE
CARYOPHYLLENE R
CARYOPHYLLENE EXTRA
CARYOPHYLLENYL ALG
CARYOPHYLLENE OXIDE

CASTOREUM ABS RESIN
CEDAR KETONE
CEDAR KETONE NP
CEDARWOOD FR 2

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 5

DESCRIPTION

CEDW FR FM CEDROL FR
CEDARWOOD FR BULK
CEDARWOOD FR I
CEDW OIL TEX RECTFD
ALPHA CEDRENE

CEDRENE FM CEDL ACT
CEDRENOL GD
CEDROL CRYSTALS
CEDROL PRIME
CEDRENE FM CEDROL 80

CEDROL 80
CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST
CETONE ALPHA NP
CETONE V

CETYL ALCOHOL NF
CETYL ALC EX NF CUBE
CETYL ALC EX NF SLAB
CHEMICAL B 3874
CHEMICAL B 3617

CETONAL
CINNAMIC ACID TECH
CINNAMIC ALCOHOL CD
CINNAMIC ALCOHOL PRI
CINNAMIC ALC PURE

CINC ALC FM STYRAX
CINNAMIC ALDEHYDE
CINNAMON LF OIL RED
CINLF SEYCH REDIST
CIN LF FRS BULK

CINNAMYL ACETATE
CINL ANTHRANILATE
CINNAMYL BUTYRATE
CINNAMYL CINNAMATE

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STATISTICAL REPORT OF CHEMICAL
NOW OR FORMERLY MANUFACTURED IN DELANANNA
JAN. 1ST TO DEC. 31ST, 1969

PRODUCTS

PAGE NO. 6

DESCRIPTION

CINNAMYL FORMATE
CINNAMYL ISOBUTYRATE
CINNAMYL PROPIONATE
CINNAMYL ISOVALERATE
CITRAL PURE CP

CITRAL FOR MFG
CITRAL DIME ACL EX
CITRAL SS
CITRAL VS
CITRAL 80 CRUDE

CITRAL 80 TERPS RED
CITRONOL
CITRONELLA TERPS DG
CITRONELLAL
CITLOL GIVCO PRIME

CITRONELLOL GIVCO EX
CITRONELLOL EXTRA
CITRONELLOL GIVCO NP
CITRONELLOL PRIME
CITRONELLOL SPECIAL

CITRONELLYL ACETATE
CITRONELLYL BUTYRATE
CITRONELLYL FORMATE
CITRONELLYL IBUYT
CITRONELLYL PRT

CIVET ABSOLUTE
CLOVE LEAF OIL RED
CLOVE LEAF TERPENES
CMP CARRINOL CRUDE
COMPOUND ESTER NO 1

COMPOUND 19 50 K
COMPOUND 30 SPECIAL
COMPOUND NO 1010
COMPOUND NO 1051

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 7

DESCRIPTION

COMPOUND 1186 CAPT
CONSTITUENT NO 1
CONSTITUENT NO 4
CONSTITUENT NO 15
CORPS N 112

P CRESOL PURFD
PARA CRESYL ACETATE
P CRESYL ISOBUTYRATE
P CRESYL ME ETHER CD
P CRESYL ME ETHER

P CRESYL PHENYL ACT
CREOSOL PRIME
CUMINYL ACETALDEHYDE
CUMINIC ALDEHYDE
CUMINYL ALCOHOL PRI

CYCLAMEN ALD GIVCO
CYCLAMEN ALD EXTRA
CYCLAMEN ALDEHYDE GD
CYCLAMEN ALCOHOL
CYCLAMEN ALD NP

CYCL ALD SPEC BLDING
CYCLOHEXYLACETONE
CYCLOHEXYLACETONE
CYCLOHEXYLCYCLXON
DCA

DCA ISOMER NV
DELPHENONE
DELAGENE
DELTYL EXTRA
DELTYL PRIME

DIBENZYL CRUDE
DIBENZYL REFINED
DIBENZYL ETHER RED
DIBENZYL KETONE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 8

DESCRIPTION

DIETHYL OXALATE
DIHEPTALDEHYDE
DIHYDRO ADOXAL
DIHYDROANETHOLE
DIMETHYLOCTANOL FC

DIHYDRO IRIS PUR CD
DIHYDROSEUDOIONONE
DIHYDROTERPINEOL CD
DIMETHYLACETOPH CD
DIMETHYLACETOPHENONE

DIME ANTHRANILATE
DIMETHYLBENZYL CARBL
DIMEBENZYL CARBL ACT
DIMETHYLOCTANOL SYN
DIMURESORCINOL RED

DIPENTENE RED
DIPENTENE
DIOXIN
DIPHENYLAMINE PURP
ELGENE

ESTRAGOLE
ETHONE
P ETHOXYBENZALD
ETHYL AMYL KETONE
ETHYL BENZOATE

ETHYL CINNAMATE
ET EST COD LIVER OIL
ET EST LINSEED OIL
ETHYL LAURATE
ETHYL LEVULINATE

ET MONOCHLOROACETATE
ETHYL MYRISTATE
PARA ETHYLPHENOL
ETHYL PELARGONATE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 9

DESCRIPTION

ET PHENYLGLYCIDATE
ETHYL PHENYLACETATE
ETHYL SALICYLATE
ETHYL UNDECYLENATE
EUGENOL ACETATE

EUGENOL BAY
EUGENOL TERPS BULK
EUG C 95 FM CLO LF
EUGENOL EXTRA USP
EUGENOL PRIME USP

FIR BALSAM ANHYDROL
FIR BALSAM ABS RESIN
FOLIONE
FOLIOSIA
FURFURYL ACETATE

GALBANUM ABS RESIN
GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC

GERANIOL CRUDE
GERANIOL PR 3 4
GERANIOL PRIME H CD
GERANIOL PRIME SUB
GERANIOL PURE

GERANIOL STANDARD
GERANIOL PURE H CD
GERANIOL FOR SOAP
GERANIOL RESIDUE SD
GERL TERPS BULK

GERANIOL H P
GERANIOL R02 PURFD
GERM BOURBON RECTD
GERL ACETATE PRI

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STATISTICAL REPORT OF CHEMICAL
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PRODUCTS

PAGE NO. 10

DESCRIPTION

GERLN ACT PRI M CD
GERANYL ACETATE PURE
GERANYL ACETATE 802
GERANYL ACETATE Y
GERANYL BENZOATE

GERANYL BUTYRATE
GERANYL CAPROATE
GERANYL FORMATE
GERANYL PHENYLACT
GERANYL PROPIONATE

GERMIZONE
GIVCOMENTHE GF F3843
GIV TAN P
GIV TAN DISTILLED
GIV TAN F

GIV TAN CRUDE
GIV 2 0950
GIV 2 0355
GIV 2 1771
GIV 2 1901

GIV 2 0436
GIV 2 0950
GIV 2 3084
GIV 2 0820
GIV 2 2372

GIV 2 3196
GIV 2 1855
GIV 2 2356

GUAIACWOOD ACT EXT
GUAIACOL PHENYLACT

GUAIACWOOD ACT SPEC
GUAIACWOOD ACT PRIME
G 4 PURE D
G 4 PURE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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PAGE NO. 11

DESCRIPTION

G 4 TECH MICRONIZED
G 4 TECH FINE GRIND
G 4 TECHNICAL
G 4 TECH FOR G 4 40
G 4 40 TECH

G 11
G 11 FINE GRIND
G 11 MICRONIZED
HELIOTROPIN CRYSD
HELIOTROPIN DIST

HELIOTROPIN RECRYSD
HELIO RECRYD F CRY
HEPTALDEHYDE DIST
HEXALDEHYDE
2 HEXENAL

HEXYL BENZOATE
HEXYLCINNAMIC ALD
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A
HYDROLENE

HYDROLENE CRUDE
HYDROLENE HQ
HYDROLENE P 60
HYDROLENE RL EXTRA
HYCITAL DIME ACL

HYDROXYCITRONELLOL
HYDROXYDIHYDROCITLOL
INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE

IRISONE ALPHA NP
IRISONE ALPHA EX WH
IRISONE BETA PURE
IRISONE BIS

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 12

DESCRIPTION

IRISONE COEUR
IRISONE PURE
IRISONE PURE CRUDE
ISOAMYL ETHER
ISOAMYL UNDECYLENATE

ISOBORNYL ACETATE
ISOBORNYL PROPIONATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT

IBUTYL PHENYLACT CO
ISOBUTYL SALICYLATE
IBUTYL UNDECYLENATE
ISOCYCLOPENTYLAL LG
ISOCAMPHYL PHOL MIX

ISO EUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL EXTRA
ISOEUGENOL EXTRA MPG

ISOEUGENOL PHENYLACT
ISOLORAL
ISOOCTANONE
ISOMENTHONE PURE
ISOMENTHONE P

P ISOPROPYLPHENOL
ISOPULEGOL ACETATE
ISOPULEGOL FRACT
ISOPULEGOL H
ISOPULEGOL PURIFIED

ISOPULEGOL TAC
ISOSAFROLE
ISOSAFROLE DIST
ISOTHYMOL

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
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PAGE NO. 13

DESCRIPTION

ISOVALERIC ALDEHYDE
JASMONYL
JASMONYL OCA
JASMONYL GD
JUNOX

KETONAROME POWDERED
LABDANUM ABS RES
LAURINE PURE
LAURINE FOR MFG
LAURINE EXTRA

LAURINE RES PURIFIED
LAURINE STABILIZED D
LAURYL ALCOHOL
LAVI SPIKE TERPLS
LAVA ACYTD TERPLS

LEAF ALCOHOL
LEMON FIVE X TYPE 2
LEMON OIL FIVE FOLD
LEMON OIL WASHED
LEMONGRASS OIL RED

LILIAL
LILLOL EXTRA GD
LIME OIL 5 X TYPE 2
LIME OIL WASHED
LINALOOL BRAZILIAN

LINALOOL BRAZ CO
LINALOOL
LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME

LINAL ACT 92 PCT
LINALYL ACETATE 92PC
LINAL ACT 95 97 PC D
LINAL ACT EXTRA

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STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 14

DESCRIPTION

LINALYL ACETATE TAC
LINALYL BENZOATE
LINALYL BUTYRATE
LINALYL CINNAMATE
LINALYL FORMATE

LINALYL ISOBUTYRATE
LINALYL PROPIONATE
MANDARIN OIL TERPLS
MARANIOL
MATE ABSOLUTE RESIN

MELONAL
MENTHANYL ACETATE
I PARA MENTHENE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP

MENTHOL RAC NON USP
MENTHONE PRIME
MENTHONE RAC PURE
MENTHYL ACETATE N P
MENTHYL ACETATE RAC

METHALLYL ALCOHOL
METHYLACETOPHENONE
METHYL ANISATE
METHYL ANTHRT STD
METHYL ANTHRT EX

3 METHYL BUTANYL ACT
ME ANTHRANILIC ACID
P METHYLBENZALDEHYDE
METHYL CARBITOL
METHYL CINNAMATE

A METHYLCINNAMIC ALD
METHYLCUMARIN
6 ME 3 4 DIHYDROCUM
METHYLCYCLOHEXYL PRT

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PAGE NO. 15

DESCRIPTION

METHYL DIPHENYL ETH
 ME DIPHENYL ETHER PG
 METHYLEUGENOL
 METHYLHEPTENONE NP
 MEHEPTENONE TECH

METHYL HEXYL KETONE
 P METHYLHYDTP ALD
 METHYLISOEUGENOL
 METHYL NON KETN RED
 METHYL PHENYLACETATE

P METHYLPH ME CAROL
 METHYL PHENYLPRT
 METHYL UNDECYLENATE
 MOSKENE
 MUSK AMBRETTE

MUSK KETONE
 MUSK TIRETENE
 MUSK XYLOL
 MYRCENE REDISTILLED
 MYRISTYL ALC SPEC CU

MYRRH ANHYDROL
 MYRRH ABSOLUTE RESIN
 NEOFOL IONE
 NEROL EXTRA LG RED
 NEROL PRIME

NEROLIN CRYSTALS
 NERONE
 NERYL ACETATE PRIME
 B NITRO STYRENE
 NONOIC ACID PURE

NORRICAL
 NOPOL ACETATE
 NOOTKATONE RED
 OAK MOSS ABSOLUTE RE

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PAGE NO. 16

DESCRIPTION

OAKMOSS ACIDS
 GAMMA OCTALACTONE
 3 OCTANOL
 OCTYL BUTYRATE
 OCTYL ISOBUTYRATE

OLIBANUM ABS RES
 OLIBANUM SR
 OPOPONAX ABS RE
 OPOPONAX SR
 ORANGE OIL AFR 5X

ORANGE OIL FL 5 X
 ORANGE OIL VAL 10X
 ORANGE TERPENES DECO
 ORANGER CRYSTALS
 ORANGER LIQUID

OTR RESIDUE SD
 PALMITIC ACID PURI
 P I C
 PATCHOULI OIL NDT
 PEPMT RES LTCOL BULK

PERU BALSAM
 PERU BALSAM OIL G
 PERU BALSAM ANHYDROL
 PERU BALSAM ABS RE
 PETITGRAIN OIL RECTO

PETI OIL TERPLS EX
 PHELLANDRENE
 PHENOXYETHYL IDUPT
 PHENYLACETALD PURE
 PHENYLACETALD CRUDD

PHACETALD ETN ACL
 PHENYLACTIC ACID DIST
 PHENYLACTIC ACID PURE
 PHENYLETHYL ACETAL

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DESCRIPTION

PHENYLETHYL ACETATE
PHENYLETHYL ALC NF
PEA NF COEUR
PEA NF EXTRA
PEA NF PRIME

P E A RESIDUE RED
PHENYLETHYL ANTHY
PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE
PHENYLETHYL CINT

R PHENYLETHYL CL
PHENYLETHYL FORMATE
PHENYLETHYL IBUT
PHENYLETHYL IVALT
PHENYLETH PHENYLACT

PHENYLETHYL PROPT
PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL
PHENYLPROPYL ALO

PINACOL
PIPERITONE
NORMAL PROPYL ACETAL
PSEUDOCETONE V
D PULEGONE

PYROLYSATE ESTER
PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE CRUDE
PSEUDOIONONE SPECIAL

PSEUDORALDEINE A CO
PSEUDORALDEINE A
PSEUDORALDEINE D CO
PSEUDORALDEINE D

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PAGE NO. 18

DESCRIPTION

PSEUDORALDEINE D N P
RACEMIC ACID
RACEMIC ESTER
RALDEINE A
RALDEINE A CRUDE

RALDEINE D CRUDE
RALDEINE D
RALDEINE GAMMA PRIME
RALDEINE OMEGA CRUDE
RALD GAMMA PURE NP

RALDEINE OMEGA
RALDEINE D PRIME
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL

RHODINOL 70
RHODINYL ACETATE
RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT

ROSACETOL
ROSE ABSOLUTE MAROC
ROSMARY TERPLS A4958
ROSOXIDE 90
SAFROLE DISTILLED

SANDELA CONCENTRATE
SANDELA 60
SANDELA 10
SANTALOL
SANTALYL ACETATE

SASSAFRAS ARTI KH
SINPINE
SINPINE REGIST
SPICE TERPENES BULK

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PAGE NO. 19

DESCRIPTION

STABILIZER NO 1
STABILIZER NO 1 DIP
STABILIZER NO 9A EI
STABILIZER D 12
STYRAX ABSOLUTE RES

STYRAX RESIN NO 10
SUNSCREEN NO 2
TERENOL
TERPINENOL
TERPINEOL EXTRA

TERPINEOL PRIME
A TERPINEOL RECRYD
TERPINOLENE
TERPINOLENE P
TERPINYL ACETATE EX

TERPINYL ACT EX CD
TERPINYL ACETATE PRI
TERPINYL ACT PRI CD
TERPINYL FORMATE
TERPINYL PROPIONATE

TERPINYL PROPT CD
TETHYFURF BUTYRATE
TETRAHYDROPSIONONE
TETHYSEUDOIONONE NP
TETRAHYDROLINALOOL

TETHYPSRALDEINE D
THYMOL 90 PCT
THYMOL DISTILLED
THYMOL NF
THYMOL NF FINE CRYST

THYMOL NF PHOTOGRAPH
THYMOL NF PHOTOGRAPH 2X
THYMOL NF STANDARD
THET

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PAGE NO. 20

DESCRIPTION

TOLU BALSAM ABS RES
TOLYLACETALDEHYDE
TOLYL ALDEHYDE
TOLYL GLYCERYL ACL
TRICHLOROPHENOL

VALENCENE
GAMMA VALEROLACTONE
VANILLIN USP FM EUG
VANILLIN CRUDE
VANILLIN USP

VERATRYL ALD TECH I
VERNALDEHYDE
VERDYL ACETATE
VERDYL PROPIONATE EX
VERSALIDE PRIME

VERSALIDE DISTILLED
VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL
VETIVER RECTIFIED

VETIVER ACETATE MD
VETIVER ACT 112
VETIVER ACETATE CD
VETI ACETATE B CRUDE
VETI ACETATE EXTRA B

VETIVER RECTD SPEC
VIRIDINE
VIRIDINE CRUDE
META XYLENE
PARA XYLENE TECH

YARA YARA PURE
YARA YARA PRIME
YARA YARA DISTILLED
YLANG YLANG TERPLS

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PAGE NO. 21

DESCRIPTION

~~ZINGERONE~~

B7L ACT BORATE RES

LAURINE RESIDUE

MUSK KETONE RESIDUE

F 4436 ORANGE CONCT

F 4467 LEMON CONCT

F 5945 LEMON CONCT

F 5946 ORANGE CONCT

F 6168 ORANGE CONCT

F 6169 LEMON CONCT

R 0832 SPEC EXTRACT

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PAGE NO. 1

DESCRIPTION

ACETAL: CD
ACETAL: R
ACETANISOLE
ACETATE CB
ACETATE C9

ACETATE C 10
ACETATE C11
ACETATE C 12
ACETATE PA
ACET EST PRENE KET

ACETONE
ACETOPHENONE EXTRA
ACETOPHENONE PRIME
ADOXAL NP
ADOXAL

ALCOHOL CB
ALCOHOL C9
ALCOHOL C 9 CRUDE
ALCOHOL C10
ALC C11 UNDECYLENIC

ALDEHYDE CB
ALDEHYDE C 9
ALDEHYDE C10
ALD C10 DIME ACL
ALD C11 UNDECYLENIC

ALD C11 UNDECYLIC
ALDEHYDE C 12 LAURIC
ALDEHYDE C 12 MNA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC

ALDEHYDE C16 PURE
ALDEHYDE C 18
ALLYL CAPRIMATE

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PAGE NO. 2

DESCRIPTION

ALLYL CYCLXN PRT
AMBREINE
AMBROGENE
AMBROL CRUDE
AMMONIAC GUM OLM

ANYL BENZOATE
ANYL BUTYRATE
ANYLCINNAMIC ALD
ANYLCINNAMIC ALD CO
ANYLCING ALD DIE ACL

ANYLCINNAMIC ALD PRI
ANYL FORMATE
ANYL PHENYLACETATE
ANYL PROPIONATE
ANYL SALICYLATE CO

ANYL SALICYLATE EX
ANYL SALICYLATE PRI
AMYRIS ACETATE
ANETHOLE TECHNICAL
ANISYL ALCOHOL

ANISOLE
ANISOLE COMMERCIAL
ANISYL ACETATE
ANISYL FORMATE
ARBORIL

AUBEPINE BISUL COMPD
AUBEPINE NP
AUB FM ANETHOL IMPRT
AUBEPINE NP 2
AUBEPINE PRIME

AURANTIOL PURE
AURANTIOL PURE IMPT
BACCARTOL BRUT

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PAGE NO. 3

DESCRIPTION

BAY OIL TERPLS DELA
BAY OIL TERPENES
BENZAL GLYCERYL ACL
BENZODIHYDROPYRONE
BENZOIN ABS RESIN

BENZOIN SUM ABS RES
BENZOPHENONE
BENZOPHENONE TECH
BENZYL ACETATE CRUDE
BENZYL ACETATE EXTRA

BENZYL ACETATE COEUR
BENZYL ACETATE PRIME
BENZYL ACETATE PURIS
BENZYL ACETOACETATE
BENZYL ALCOHOL NF

BENZYL ALC FOR MFG
BENZYL ALCOHOL TECH
BENZYL BENZOATE USP
BENZYL BUTYRATE
BENZYL CINNAMATE

BENZYL FORMATE
BENZYL ISOAMYL ETHER
BENZYL ISOBUTYRATE
BENZYL ISOEUGENOL
BENZYL ISOVALERATE

BENZYL LAURATE
BENZYL PHENYLACETATE
BENZYL PROPIONATE
BENZYL SALICYLATE NP
BERGAMOT D S T

BERGAMOT TERPENELESS
BIRCHTAR RECTIFIED
BON TERPENELESS

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PAGE NO. 4

DESCRIPTION

BOR FR BULK
BORNEOL CRUDE CRY
BORNEOL PURE CRY
BORNEOL FRACTIONS
BORNYL ACETATE F

B BR B NITSTYRE TECH
BROMSTYROL
BUTTER ESTER
BUTYL BENZYL ALC CD
BUTYL BENZYL CL CD

BUTYL BENZYL CYANIDE
BUTYLBENZALDEHYDE
BUTYL KETONE
4 TERT BUCYHXL ACT
BUTYL LEVULINATE

BUTYL PHENYLACETATE
P T BUTYLTOLUENE
BUTYL UNDECYLENATE
BUTYLXYLENE
CALCIUM MALONATE

CAMPHOR SASY KH
CAMPHOR SASY RED
CAMPHOR COLOR
CAPROIC ACID RED
CAPRONIC ETHER LIGHT

CAPRYLENE RED
CAPRYLIC ACID REDIST
CARVACHOL PRIME
CARVACROL TECHN NP
CARYOPHYLLENE

CARYOPHYLLENE B
CARYOPHYLLENE EXTRA
CARYOPHYLLENYL ALC

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PAGE NO. 5

DESCRIPTION

CARYOPHYLLENE OXIDE
CASTOREUM ABS RESIN
CEDAR KETONE
CEDAR KETONE NP
CEDARWOOD FR 2

CEDARWOOD FR BULK
CEDARWOOD FR 1
CEDAR OIL TEX RECTFD
ALPHA CEDRENE
CEDRENE FM CEDL ACT

CEDRENOL GO
CEDROL CRYSTALS
CEDROL PRIME
CEDRENE FM CEDROL 80
CEDROL 80

CEDRYL ACETATE BRUT
CEDRYL ACETATE DIST
CETONE ALPHA NP
CETONE V
CETYL ALCOHOL NF

CETYL ALC EX NF CUBE
CETYL ALC EX NF SLAB
CHEMICAL B 3874
CHEMICAL D 3617
CETONAL

CINNAMIC ACID TECH
CINNAMIC ALCOHOL CO
CINNAMIC ALCOHOL PRI
CINNAMIC ALC PURE
CINC ALC FM STYRAX

CINNAMIC ALDEHYDE
CINNAMON LF OIL RED
CINLF SEYCH REDIST

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DESCRIPTION

CIN LF FRS BULK
CINNAMYL ACETATE
CINL ANTHRANILATE
CINNAMYL BUTYRATE
CITGRENILE

CINNAMYL CINNAMATE
CINNAMYL FORMATE
CINNAMYL PROPIONATE
CINNAMYL ISOVALERATE
CITRAL PURE CP

CITRAL DIME ACL EX
CITRAL SS
CITRAL VS
CITRODYLE
CITRONELLAL

CITRONELLAL S
CITRONELLOL GIVCO EX
CITRONELLOL EXTRA
CITRONELLOL PRIME
CITRONELLOL SPECIAL

CITRONELLYL ACETATE
CITRONELLYL BUTYRATE
CITRONELLYL FORMATE
CITRONELLYL IBUYT
CITRONELLYL PRT

CIVET ABSOLUTE
CLOVE LEAF OIL RED
CLOVE LEAF TERPENES
COMPOUND ESTER NO 1
COMPOUND 19 50 K

COMPOUND 30 SPECIAL
COMPOUND NO 1010
COMPOUND 1186 CAPT

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PAGE NO. 7

DESCRIPTION

CONSTITUENT NO 1
CONSTITUENT NO 4
CONSTITUENT NO 15
CORPS N 112
P CRESOL PURFD

PARA CRESYL ACETATE
P CRESYL ISOBUTYRATE
P CRESYL ME ETHER CD
P CRESYL ME ETHER
P CRESYL PHENYL ACT

CRESOL PRIME
CUMINYL ACETALDEHYDE
CUMINIC ALDEHYDE
CUMINYL ALCOHOL PRI
CYCLAMEN ALD GIVCO

CYCLAMEN ALD EXTRA
CYCLAMEN ALDEHYDE GD
CYCLAMEN ALCOHOL
CYCLAMEN ALD NP
CYCL ALD SPEC OLDING

CYCLOHEXYLACETONE
CYCLOHEXYLACETONE
CYCLOHEXYLCYCLXON
DCA
DCA ISOMER NV

DELPHENONE
DELAGENE
DEITYL EXTRA
DEITYL PRIME
DIBENZYL CRUDE

DIBENZYL REFINED
DIBENZYL KETONE
DIBENPTALDEHYDE

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PAGE NO. 8

DESCRIPTION

DIHYDRO ADIXAL
DIHYDROANETHOLE
DIMETHYLOCTANOL FC
DIHYDROPSUEDOIONONE
DIHYDROTERPINEOL CO

DIMETHYLACETOPH CO
DIMETHYLACETOPHENONE
DIME ANTHRANILATE
DIMETHYLBENZYL CARBOL
DIMEBENZYL CARBOL ACT

DIMETHYLOCTANOL SYN
DIPENTENE RED
DIPENTENE
DIOXIN
DIPHENYLAMINE PURF

ELGENE
ESTRAGOLE
ETHONE
P ETHOXYBENZALD
ETHYL AMYL KETONE

ETHYL ANISATE
ETHYL BENZOATE
ETHYL CINNAMATE
ET EST COD LIVER OIL
ET EST LINSEED OIL

ETHYL LAURATE
ETHYL LEVULINATE
ET MONOCHLOROACETATE
ETHYL MYRISTATE
PARA ETHYLPHENOL

ETHYL PELARGONATE
ET PHENYLGLYCIDATE
ETHYL PHENYLACETATE

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PAGE NO. 9

DESCRIPTION

ETHYL SALICYLATE
ETHYL UNDECYLENATE
EUGENOL ACETATE
EUGENOL BAY
EUGENOL TERPS BULK

EUG C 95 FM CLO LF
EUGENOL EXTRA USP
EUGENOL PRIME USP
FIR BALSAM ANHYDROL
FIR BALSAM ABS RESIN

FOLIONE
FOLIOSIA
FRESKOMENTHE
FURFURYL ACETATE
GALBANUM ABS RESIN

GALBANUM REC
GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL MC

GERANIOL CRUDE
GERANIOL PR 3 4
GERANIOL PRIME H CD
GERANIOL PRIME SUB
GERANIOL PURE

GERANIOL STANDARD
GERANIOL PURE H CD
GERANIOL FOR SOAP
GERANIOL RESIDUE SD
GERL TERPS BULK

GERANIOL H P
GERANIOL 802 PURFD
GERM BOURBON RECTD

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PAGE NO. 10

DESCRIPTION

GERLN ACETATE PRI
GERLN ACT PRI M CO
GERANYL ACETATE PURE
GERANYL ACETATE BOZ
GERANYL ACETATE Y

GERANYL BENZOATE
GERANYL BUTYRATE
GERANYL CAPROATE
GERANYL FORMATE
GERANYL PHENYLACT

GERANYL PROPIONATE
GERMIZONE
GIVCOMENTHE OF P3043
GIV TAN P
GIV TAN P

GIV TAN CRUDE
GIV 2 0958
GIV 2 0950
GIV 2 3084
GIV 2 0520

GIV 2 2372
GIV 2 2200
GIV 2 3196
GIV 2 1859
GIV 2 2356

GIV 2 1759
GIV 2 1334
GIV 2 2823
GIV 2 3721
GIV 2 3907

GIV 2 0475
GIV 2 3551
GIV 2 3867

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DESCRIPTION

GIV 2 4494

GIV 2 4500

GIV 2 3935

GUAIACWOOD ACT EXT

GUAIACOL PHENYLACT

GUAIACWOOD ACT PRIME

G 4 PURE

G 4 TECH FINE GRIND

G 4 TECHNICAL

G 4 TECH FOR G 4 40

G 4 40 TECH

G 11

G 11 MICRONIZED

HELIOTROPIN CRYSD

HELIOTROPIN DIST

HELIOTROPIN RECRYSD

HELIO FINE CRYSTALS

HEPTALDEHYDE DIST

HERBORAL

HEXAHYDROPSIONONE

HEXALDEHYDE

2 HEXENAL

HEXYL BENZOATE

HEXYLCINNAMIC ALD

HYDRATROPIC ALDEHYDE

HYDRATROPIC ALD DM A

HYDROLENE

HYDROLENE CRUDE

HYDROLENE HO

HYDROLENE P 60

HYDROLENE RL EXTRA

HYCITALAL DINE ACL

HYDROXYCITRONELLOL

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DESCRIPTION

HYDROXYDIHYDROCITLUL
INDOLE PURE
INDOLE TECHNICAL
IRIS ALDEHYDE PURE
IRISONE ALPHA NP

IRISONE ALPHA EX WH
IRISONE BETA PURE
IRISONE BIS
IRISONE COEUR
IRISONE PURE

IRISONE PURE CRUDE
ISOAMYL UNDECYLENATE
ISOBORNYL ACETATE
ISOBORNYL PROPIONATE
ISOBUTYL BENZOATE

ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT
IBUTL PHENYLACT CD
ISOBUTYL SALICYLATE
ISOCYCLOTRIAL LG

ISOCAMPHYL PHOL MIX
ISO EUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL EXTRA

ISOEUGENOL EXTRA MFG
ISOEUGENOL PHENYLACT
ISOLORAL
ISOLONGIFOLENE
ISOMENTHONE PURE

ISOMENTHONE P
P ISOPR HYDTP ALD
P ISOPROPYLPHENOL

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DESCRIPTION

ISOPULEGOL ACETATE
ISOPULEGOL FRACT
ISOPULEGOL M
ISOPULEGOL M EXTRA
ISOPULEGOL PURIFIED

ISOPULEGOL TAC
ISOPULEGOL TECHNICAL
ISORALDEINE
ISOSAFROLE
ISOSAFROLE DIST

ISOTHYMOL
ISOVALERIC ALDEHYDE
JASVERATE
JASHONYL
JASHONYL OCA

JASHONYL GD
JASHONYL E 6337
JUNOX
KETONAROME POWDERED
LABDANUM ABS RES

LAURINE PURE
LAURINE FOR MFG
LAURINE EXTRA
LAURINE RES PURIFIED
LAURINE S

LAURYL ALCOHOL
LAVF SPIKE TERPLS
LAVA ACYTD TERPLS
LEAF ALCOHOL
LEMAROME CITRAL

LAYONE
LEMON FIVE X TYPE 2
LEMON OIL FIVE FOLD

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DESCRIPTION

LEMON OIL WASHED
LEMONGRASS OIL RED
LILIAL
LILOL EXTRA GD
LIME OIL S X TYPE 2

LINALOOL BRAZILIAN
LINALOOL
LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME

LINAL ACT 92 PCT
LINALYL ACETATE 92PC
LINAL ACT 96 97 PC D
LINAL ACT EXTRA
LINALYL ACETATE TAC

LINALYL BENZOATE
LINALYL BUTYRATE
LINALYL CINNAMATE
LINALYL FORMATE
LINALYL ISOBUTYRATE

LINALYL PROPIONATE
MANDARIN OIL TERPLS
MARANTOL
MATE ABSOLUTE RESIN
MELONAL

MENTHANYL ACETATE
MENTHANYL ACETATE CD
I PARA MENTHENE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP

MENTHOL RAC NON USP
MENTHONE PRIME
MENTHONE RAC PURE

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PAGE NO. 15

DESCRIPTION

METHYL ACETATE RAC
METHALLYL ALCOHOL
METHYLACETOPHENONE
METHYL ANISATE
METHYL ANTHR STND

METHYL ANTHR FX
3 METHYL BUTANYL ACT
ME ANTHRANILIC ACID
P METHYLBENZALDEHYDE
METHYL CARBITOL

METHYL CINNAMATE
A METHYLCINNAMIC ALD
METHYLCOUMARIN
METHYLCYCLOHEXYL PRT
METHYL DIPHENYL ETH

ME DIPHENYL ETHER PG
METHYLEUGENOL
METHYLHEPTENONE NP
MEHEPTENONE TECH
METHYL HEXYL KETONE

P METHYLHYDTP ALD
METHYLISOEUGENOL
METHYL NON KETN RED
ME O HEXY BENZOATE
2ME 1 & PENIADIENE

METHYL PHENYLACETATE
P METHYLPH ME CARBL
METHYL PHENYLPRT
METHYL UNDECYLENATE
MOSKENE

MUSK AMBRETTE
MUSK KETONE
MUSK TIBETENE

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DESCRIPTION

MUSK XYLOL
MYRCENE REDISTILLED
MYRISTYL ALC SPEC CU
MYRRH ABSOLUTE RESIN
NEOFOLIONE

NEROL PRIME
NEROLIN CRYSTALS
NERONE
NERYL ACETATE PRIME
N NITRO STYRENE

NONOIC ACID PURE
NOBRICOL
NOPOL ACETATE
NOOTKATONE RED
OAK MOSS ABSOLUTE RE

OAKMOSS ACIDS
GAMMA OCTALACTONE
3 OCTANOL
OCTYL BUTYRATE
OCTYL ISOBUTYRATE

OLIBANUM ABS RES
OLIBANUM SR
OPOPONAX ABS RE
OPOPONAX SR
ORANGE OIL AFR SX

ORANGE OIL CAL SX
ORANGE OIL FL S X
ORANGE TERPENES DECD
ORANGER CRYSTALS
ORANGER LIQUID

QTR DIPENTENE QR FR
QTR RESIDUE SO
P I C

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PAGE NO. 17

DESCRIPTION

PATCHOULI OIL NET
PEPAT RES LTCOL BULK
PERU BALSAM
PERU BALSAM OIL G
PERU BALSAM ANHYDROL

PERU BALSAM ABS RE
PETITGRAIN OIL RECID
PETIT OIL TERPLS EX
PHELLANDRENE
PHENOXYETHYL ISUPT

PHENYLACETALD PURE
PHENYLACETALD CRUDE
PHACETALD ETN ACL
PHAA DIBENZYL ACETAL
PHENYLACTIC ACID DIST

PHENYLACTIC ACID PURE
PHENYLETHYL ACETAL
PHENYLETHYL ACETATE
PHENYLETHYL ALC NF
PEA NF COEUR

PEA NF EXTRA
PEA NF PRIME
PEA RESIDUE RED
PHENYLETHYL ANTHY
PHENYLETHYL BENZOATE

PHENYLETHYL BUTYRATE
PHENYLETHYL CINT
B PHENYLETHYL CL
PHENYLETHYL FORMATE
PHENYLETHYL IBUT

PHENYLETHYL IVALT
PHENYLETH PHENYLACT
PHENYLETHYL PROPT

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PRODUCTS

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DESCRIPTION

PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL
PHENYLPROPYL ALD
PHENYLPROPYL FORMATE

PINACOL
PIPERITONE
NORMAL PROPYL ACETAL
PROPYL CAPROATE
PSEUDOCETONE V

D PULEGONE
PYROLYSATE ESTER
PYROLYSATE A 1993
PSEUDOIONONE
PSEUDOIONONE CRUDE

PSEUDOIONONE SPECIAL
PSEUDORALDEINE A CD
PSEUDORALDEINE A
PSEUDORALDEINE D CD
PSEUDORALDEINE D

PSEUDORALDEINE D N P
RACEMIC ACID
RACEMIC ESTER
RALDEINE A
RALDEINE A CRUDE

RALDEINE D CRUDE
RALDEINE D
RALD GAMMA PRIME CD
RALDEINE GAMMA PRIME
RALDEINE OMEGA CRUDE

RALD GAMMA PURE NP
RALDEINE OMEGA
RALDEINE D PRIME

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DESCRIPTION

RALDEINE RES PURI
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL
RHODINOL 70

RHODINYL ACETATE
RHODINYL FORMATE
RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACEIOL

ROSACETOL CRUDE
ROSE ABSOLUTE MAROC
ROSMARY TERPLS A495B
ROSOXIDE 90
SAFROLE DISTILLED

SANDELA CONCENTRATE
SANDELA 60
SANDELA 10
SANTALOL
SANTALYL ACETATE

SASSAFRAS ARTI KH
SIMPINE
SIMPINE REDIST
SPICE TERPENES BULK
STABILIZER NO 1

STABILIZER NO 1 DIP
STABILIZER NO 9A EI
STABILIZER O 12
STEMUNE
STYRAX ABSOLUTE RES

STYRAX RESIN NO 10
STYRONE RESIN GRD
SUNSCREEN NO 2

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PAGE NO. 20

DESCRIPTION

TERENOL
TERPINENOL
TERPINEOL EXTRA
TERPINEOL PRIME
A TERPINEOL RECRYD

TERPINOLENE
TERPINOLENE P
TERPINYL ACETATE EX
TERPINYL ACT EX CD
TERPINYL ACETATE PRI

TERPINYL ACT PRI CD
TERPINYL FORMATE
TERPINYL PROPIONATE
TERPINYL PROPT CD
TETHYPSUDUIONONE NP

TETRAHYDROLINALOOL
TETHYPSALDEINE D
THYMOL 90 PCT
THYMOL DISTILLED
THYMOL NP

THYMOL NF FINE CRYST
THYMOL NF PHOTORA 2X
THYMOL NF STANDARD
THET
TOLU BALSAM ABS RES

TOLYLACETALDEHYDE
TOLYL ALDEHYDE
TOLYL GLYCERYL ACL
TRICHLOROPHENOL
TRICHLOROPHENOL

VALENCENE
GAMMA VALEROLACTONE
VANILLIN USP FM EUG

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PAGE NO. 21

DESCRIPTION

VANILLIN USP
VERATRYL ALD TECH 1
VERNALDEHYDE
VERDYL ACETATE
VERDYL PROPIONATE EX

VERSALIDE PRIME
VERSALIDE DISTILLED
VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL

VETIVER RECTIFIED
VETIVER ACETATE HD
VETIVER ACI 112
VETIVER ACETATE CD
VETI ACETATE B CRUDE

VETI ACETATE EXTRA B
VETIVER RECTO SPEC
VIRIDINE
VIRIDINE CRUDE
META XYLENE

YARA YARA PURE
YARA YARA CRUDE
YARA YARA PRIME
YARA YARA DISTILLED
YLANG YLANG TERPLS

ZINGERONE
OZL ACT-BORATE RES
LAURINE RESIDUE
MUSK KETONE RESIDUE
F 4436 ORANGE CONCT

F 4467 LEMON CONCT
F 5943 LEMON CONCT
F 5946 ORANGE CONCT

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PAGE NO. 1

DESCRIPTION

ACETAL CD
 ✓ ACETAL R
 ✓ ACETANISOLE
 ✓ ACETATE C8
 ✓ ACETATE C9

 ✓ ACETATE C 10
 ✓ ACETATE C11
 ✓ ACETATE PA
 ✓ ACET EST PRENE KET
 ✓ ACETONE

 ✓ ACETOPHENONE EXTRA }
 ✓ ACETOPHENONE PRIME }
 ✓ ADOXAL NP }
 ✓ ADOXAL /
 ✓ ALCOHOL C8

 ✓ ALCOHOL C9
 ✓ ALCOHOL C 9 CRUDE
 ✓ ALCOHOL C10
 ✓ ALC C11 UNDECYLENIC
 ✓ ALDEHYDE C8

 ✓ ALDEHYDE C 9
 ✓ ALDEHYDE C10
 ✓ ALD C10 DIME AGL
 ✓ ALD C11 UNDECYLENIC
 ✓ ALD C11 UNDECYLIC

 ✓ ALDEHYDE C 12 LAURIC
 ✓ ALDEHYDE C 12 MNA
 ✓ ALDEHYDE C14 PURE
 ✓ ALD C14 MYRISTIC
 ✓ ALDEHYDE C16 PURE

 ✓ ALDEHYDE C 18
 ✓ ALLYL CAPROATE
 ✓ ALLYL CYCLXN PRT

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PAGE NO. 2

- ✓ AMBRATE
- ✓ AMBREINE
- ✓ AMBROGENE
- ✓ AMBROL CRUDE
- ✓ AMMONIAC GUM OLN
- ✓ AMYL BENZOATE
- ✓ AMYL BUTYRATE
- ✓ AMYLCINNAMIC ALD
- ✓ AMYLCINNAMIC ALD CD
- ✓ AMYLCINC ALD DIE ACI
- ✓ AMYLCINNAMIC ALD PR
- ✓ AMYL FORMATE
- ✓ AMYL PHENYLACETATE
- ✓ AMYL PROPIONATE
- ✓ AMYL SALICYLATE CD
- ✓ AMYL SALICYLATE EX
- ✓ AMYL SALICYLATE PRI
- ✓ AMYRIS ACETATE
- ✓ ANETHOLE TECHNICAL
- ✓ ANISYL ALCOHOL
- ✓ ANISOLE
- ✓ ANISOLE COMMERCIAL }
- ✓ ANISYL ACETATE
- ✓ ANISYL FORMATE
- ✓ ARBORIL
- ✓ AUBEPINE NP
- ✓ AUD FM ANETHOL IMPR
- ✓ AUBEPINE NP 2
- ✓ LAURANTIOL PURE
- ✓ LAURANTIOL PURE IMPY
- ✓ BACCARIOL BRUT
- ✓ BAY OIL TERPLS DELA
- ✓ BENZAL GLYCERYL AGL

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PAGE NO. 3

DESCRIPTION

✓ BENZODIHYDROPYRONE
✓ BENZOIN ABS RESIN
✓ BENZOIN SUN ABS RES
✓ BENZOPHENONE
✓ BENZOPHENONE TECH }

BENZYL ACETATE CRUDE
BENZYL ACETATE EXTRA
✓ BENZYL ACETATE COEUR
✓ BENZYL ACETATE PRIME
BENZYL ACETATE PURIS

✓ BENZYL ACETOACETATE
BENZYL ALCOHOL NF }
✓ BENZYL ALCOHOL PERF
BENZYL ALCOHOL TECH
✓ BENZYL BENZOATE USP

✓ BENZYL BUTYRATE
✓ BENZYL CINNAMATE
✓ BENZYL FORMATE
✓ BENZYL ISDANYL ETHER
✓ BENZYL ISOBUTYRATE

✓ BENZYL ISOEUGENOL
✓ BENZYL ISOVALERATE
✓ BENZYL LAURATE
✓ BENZYL PHENYLACETATE
✓ BENZYL PROPIONATE

✓ BENZYL SALICYLATE NP
✓ BENZYL SALT NP IFF
✓ BERGACETAL
✓ BERGAMOT D S T
✓ BERGAMOT TERPENELESS

✓ BERGANYL ACETATE
✓ BIRCHTAR RECTIFIED
BDR REDISTILLED

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PAGE NO. 4

DESCRIPTION

BOR TERPENELESS
BOR FR BULK
BORNEOL CRUDE CRY
BORNEOL PURE CRY
BORNEOL FRACTIONS

BORNYL ACETATE F
B OR B NITSTYRE TECH
BROMSTYROL
BUTTER ESTER
BUTYL BENZYL ALC CD

BUTYL BENZYL CL CD
BUTYL BENZYL CYANIDE
BUTYLBENZALDEHYDE
BUTYL KETONE
4 TERT BUTYHXL ACT

BUTYL LEVULINATE
BUTYL PHENYLACETATE
BUTYL TOLUENE
BUTYL UNDECYLENATE
BUTYLXYLENE

CALCIUM MALONATE
CAMPBOR SASY KH
CAMPBOR SASY RED
CAMPBOR COLOR
CAPROIC ACID RED

CAPRONIC ETHER LIGHT
CAPRYLENE RED
CAPRYLIC ACID REDIST
CAPS OLEO RE A4961 2
CARVACROL PRIME

CARVACROL TECHN NP
CARYOPHYLLENE
CARYOPHYLLENE B

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PAGE NO. 5

DESCRIPTION

✓CARYOPHYLLENE EXTRA
✓CARYOPHYLLENYL ALC
✓CARYOPHYLLENE OXIDE
✓CASTOREUM ABS RESIN
✓CEDAR KETONE NP

CEDARWOOD FR 2
CEDARWOOD FR BULK
CEDARWOOD FR 1
✓CEDW OIL TEX RECTFD
CEDREN F CED KETN NP

ALPHA CEDRENE
CEDRENE FM CEDL ACT
✓CEDRENOL GD
✓CEDROL CRYSTALS
✓CEDROL PRIME

✓CEDRENE FM CEDROL 80
✓CEDROL 80
✓CEDRYL ACETATE BRUT
✓CEDRYL ACETATE DIST
✓KETONE V

✓CETYL ALCOHOL NF
✓CETYL ALC EX NF CUBE
CHEMICAL B 3874
CHEMICAL A 3804
✓CHEMICAL C 1650 TECH

✓CHEMICAL B 3617
✓CETONAL
✓CINNAMIC ACID TECH
CINNAMIC ALCOHOL CO
CINNAMIC ALCOHOL PRI

✓CINNAMIC ALC PURE
✓CINNAMIC ALDEHYDE
CINNAMON LF OIL RED

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DESCRIPTION

CINLF SEYCH REDIST
CIN LF FRS BULK
CINNAMYL ACETATE
CINL ANTHRANILATE
CITGRENILE

CINNAMYL CINNAMATE
CINNAMYL FORMATE
CINNAMYL PROPIONATE
CINNAMYL ISOVALERATE
CITRAL PURE CP

CITRAL PURE BD
CITRAL DIME ACL EX
CITRAL SS
CITRAL VS
CITRAL 80 CRUDE

CITRODYLE
CITRONELLAL
CITRONELLAL S
CITROL GIVCO PRIME
CITRONELLOL GIVCO EX

CITRONELLOL EXTRA
CITRONELLOL PRIME
CITRONELLOL SPECIAL
CITRONELLYL ACETATE
CITRONELLYL BUTYRATE

CITRONELLYL FORMATE
CITRONELLYL IBUYT
CITRONELLYL PRT
CIVET ABSOLUTE
CLOVE LEAF OIL RED

CLOVE LEAF TERPENES
COFONE
COMPOUND ESTER NO 1

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DESCRIPTION

COMPOUND 19 50 K
COMPOUND 30 SPECIAL
COMPOUND NO 1010
COMPOUND 1186 CAPT
CONSTITUENT NO 1

CONSTITUENT NO 4
CONSTITUENT NO 15
CORPS N 112
P CRESOL PURFD
PARA CRESYL ACETATE

P CRESYL ISOBUTYRATE
P CRESYL ME ETHER
P CRESYL PHENYL ACT
CUMINYL ACETALDEHYDE
CUMINIC ALDEHYDE

CUMINYL ALCOHOL PRI
CYCLAL
CYCLAMEN ALD GIVCO
CYCLAMEN ALD EXTRA
CYCLAMEN ALDEHYDE GO

CYCLAMEN ALCOHOL
CYCLAMEN ALD NP
CYCL ALD SPEC BLDING
CYCLOHEXYLACETONE
CYCLOHEXYLACETONE

CYCLOHEXYLCYCLXON
DCA
DCA ISOMER NV
DELPHENONE
DELAGENE

DELTYL EXTRA
DELTYL PRIME
DIBENZYL CRUDE

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DESCRIPTION

DIBENZYL REFINED
DIBENZYL KETONE
DCIC TECHNICAL
DIHEPTALDEHYDE
DIHYDRO ADDXAL

DIHYDROANETHOLE
DIMETHYLOCTANOL FC
DIHYDRO IRIS PUR CD
DIHYDROSEUDOIONONE
DIHYDRO SAFROL PURE

DIHYDROTERPINEDL CD
DIMETHYLACETOPH CD
DIMETHYLACETOPHENONE
DIME ANTHRANILATE
DIMETHYLBENZYL CARBL

DIMEBENZYL CARBL ACT
DIMETHYLOCTANOL SYN
DIMETOL
DIOCTYL KETONE
DIPENTENE RED

DIPENTENE
DIOXIN
DIPHENYLAMINE PURF
ELGENE
ESTRAGOLE

ETHONE
P ETHOXYBENZALD
ETHYL AMYL KETONE
ETHYL ANISATE
ETHYL BENZOATE

ETHYL CITRONELLAL CD
ETHYL CINNAMATE
ET EST COD LIVER OIL

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DESCRIPTION

ET FST LINSEED OIL
ETHYL LAURATE
ETHYL LEVULINATE
ET MONOCHLOROACETATE
ETHYL MYRISTATE

PARA ETHYLPHENOL
ETHYL PELARGONATE
ET PHENYLGLYCIDATE
ETHYL PHENYLACETATE
ETHYL SALICYLATE

ETHYL UNDECYLENATE
EUGENOL ACETATE
EUGENOL BAY
EUGENOL TERPS BULK
EUG C 45 FM CLO LF

EUGENOL EXTRA USP
EUGENOL PRIME USP
FIR BALSAM ANHYDRDL
FIR BALSAM ABS RESIN
FOLION:

FOLROSIA
FRI SKOMENTHE
FURFURYL ACETATE
GALBANUM ABS RESIN
GALBANUM REC

GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC
GERANIOL CRUDE

GERANIOL PR 3 4
GERANIOL PRIME M CD
GERANIOL PRIME SUB

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DESCRIPTION

GERANIOL PURE
GERANIOL STANDARD
GERANIOL PURE M CD
GERANIOL FOR SOAP
GERANIOL RESIDUE SD

GERL TERPS BULK
GERANIOL H P
GERANIOL 802 PURFD
GERANIUM ALG RECTFD
GERM BOURBON RECTD

GERLN ACETATE PRI
GERLN ACT PRI M CD
GERANYL ACETATE PURE
GERANYL ACETATE Y
GERANYL BENZOATE

GERANYL BUTYRATE
GERANYL CAPROATE
GERANYL FORMATE
GERANYL PHENYLACT
GERANYL PROPIONATE

GERMIZONE
GIVCOMENTHE GF F3843
GIV TAN DISTILLED
GIV TAN F
GIV TAN CRUDE

GIV 1 1449
GIV 2 0950
GIV 2 2200
GIV 2 0475
GIV 2 4494

GIV 2 4500
GIV 2 3935
GIV 2 4349

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DESCRIPTION

GIV 2 4414
GIV 2 4663
GIV 2 5089
GIV 2 4858
GUAIACWOOD ACT EXT

GUAIACOL PHENYLACT
GUAIACWOOD ACT PRIME
G 4 PURE
G 4 TECH FINE GRIND
G 4 TECHNICAL

G 4 TECH FDR G 4 40
G 4 40 TECH
G 11
G 11 MICRONIZED
HELIOTROPIN CRYSD

HELIOTROPIN DIST
HELIOTROPIN RECRYSD
HERBORAL
HEXAHYDROPSIDNONE
✓ HEXALDEHYDE

2 HEXENAL
HEXYL BENZOATE
HEXYLCINNAMIC ALD
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A

HYDRATROPIC ALD EX
HYDROLENE
HYDROLENE CRUDE
HYDROLENE HO
HYDROLENE P 60

HYDROLENE RL EXTRA
HYCITAL DIME ACL
HYDROXYCITRONELLOL

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DESCRIPTION

HYDROXYDIHYDROCITLUL
INDOLE PURE
INDOLE TECHNICAL
IRTS ALDEHYDE PURE
IRISONE ALPHA NP

IRISONE ALPHA EX WH
IRISONE BETA PURE
IRISONE BIS
IRISONE COEUR
IRISONE CRUDE A

IRISONE PURE
IRISONE PURE CRUDE
ISOMYL UNDECYLENATE
ISOBORNYL ACETATE
ISOBORNYL PROPIONATE

ISOBUTYL BENZOATE
ISOBUTYL CAPROATE
ISOBUTYL PHENYLACT
IBUTL PHENYLACT CD
ISOBUTYL SALICYLATE

ISOBUTYLQUINOLENE
ISOCYCLOPENTRAL LG
ISO EUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY

ISOEUGENOL EXTRA
ISOEUGENOL EXTRA MFG
ISOEUGENOL PHENYLACT
ISOLORAL
ISOLONGIFOLENE

ISOMENTHONE PURE
ISOMENTHONE P
P ISOPROPYLCYCLOXON

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DESCRIPTION

P ISOPR HYDTP ALD
P ISOPROPYLPHENOL
ISOPULEGOL ACETATE
ISOPULEGOL FRACT
ISOPULEGOL M

ISOPULEGOL PURIFIED
ISOPULEGOL TAC
ISOPULEGOL TECHNICAL
ISORALDEINE
ISOSAFROLE

ISOSAFROLE DIST
ISOTHYMOL
ISOVALERIC ALDEHYDE
JASVERATE
JASMONYL

JASMONYL DCA
JASMONYL GO
JASMONYL E 633Z
JOPSONE
JUNOX

KETONAROME POWDERED
LABDANUM ABS RES
LAURINE PURE
LAURINE FOR MFG
LAURINE EXTRA

LAURINE RES PURIFIED
LAURINE S
LAURYL ALCOHOL
LAVE SPIKE TERPLS
LAVA ACYTD TERPLS

LEAF ALCOHOL
LEMAROME CITRAL
LEAF ACETATE

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DESCRIPTION

LAVONE
LEAF ISOBUTYRATE
LEAF TIGLATE
LEMON OIL FIVE FOLD
LEMON OIL WASHED

LEMONGRASS OIL RED
LEMONILE
LIGNOX
LILIAL
LILOL EXTRA GD

LIME OIL 5 X TYPE 2
LIME OIL WASHED
LINALOOL BRAZILIAN
LINALOOL BRAZ CD
LINALOOL

LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME
LINALYL ACT 92 PCT
LINALYL ACETATE 92PC

LINALYL ACT 96 97 PC D
LINALYL ACT EXTRA
LINALYL ACETATE TAC
LINALYL BENZOATE
LINALYL BUTYRATE

LINALYL CINNAMATE
LINALYL FORMATE
LINALYL ISOBUTYRATE
LINALYL PROPIONATE
MANDARIN OIL TERPLS

MARANOL
MATE ABSOLUTE RESIN
MELONAL

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DESCRIPTION

MENTHANYL ACETATE
MENTHANYL ACETATE CD
1 PARA MENTHENE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP

MENTHOL RAC NON USP
MENTHONE PRIME
MENTHONE RAC PURE
MENTHYL ACETATE N P
MENTHYL ACETATE RAC

METHYLACETOPHENONE
METHYL ANISATE
METHYL ANTHR STND
METHYL ANTHR EX
3 METHYL BUTANYL ACT

ME ANTHRANILIC ACID
P METHYLBENZALDEHYDE
METHYL CARBITOL
METHYL CINNAMATE
A METHYLCINNAMIC ALD

METHYLCUMARIN
METHYLCYCLOHEXYL PRT
METHYL DIPHENYL ETH
ME DIPHENYL ETHER PG
METHYLEUGENOL

METHYLHEPTENONE NP
MEHEPTENONE TECH
METHYL HEXYL KETONE
P METHYLHYDIP ALD
METHYLISOEUGENOL

METHYL OCTINE CARBT
ME O MEXY BENZOATE
METHYL OCTYL KETONE

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DESCRIPTION

2ME 1 3 PENTADIENE
METHYL PHENYLACETATE
P METHYLPH ME CARBL
METHYL PHENYLPRT
METHYL UNDECYLENATE

MOSKENE
MUSK 1241
MUSK AMBRETTE
MUSK KETONE
MUSK TIBETENE

MUSK XYLOL
MYRAL CD
MYRCENE REDISTILLED
MYRISTYL ALC SPEC CU
MYRRH ABSOLUTE RESIN

NEOFOLIONE
NEROL 800 RED
NEROL PRIME
NEROLIN CRYSTALS
NERONE

NERYL ACETATE PRIME
NOROIC ACID PURE
NOBRICOL
NOPOL ACETATE
NODKATONE RED

NODKATONE NP
OAK MOSS ABSOLUTE RE
OAKMOSS ACIDS
GAMMA OCTALACTONE
3 OCTANOL

OCTYL BUTYRATE
OCTYL ISOBUTYRATE
OLIBANUM ABS RES

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DESCRIPTION

OLIBANUM SR
OPOPONAX ABS RE
DPOPONAX SR
ORANGE OIL AFR SX
ORANGE OIL CAL SX

ORANGE OIL FL S X
ORANGE TERPENES DECO
ORANGER CRYSTALS
ORANGER LIQUID
OTR DIPENTENE QR FR

OTR RESIDUE SD
P I C
PARVONE
PATCHOULI OIL NDT
PEPMT RES LTCOL BULK

PERU BALSAM
PERU BALSAM OIL G
PERU BALSAM ANHYDRDL
PERU BALSAM ABS RE
PETITGRAIN OIL RECTO

PETI OIL TERPLS EX
PHELLANDRENE
PHENOXYETHYL IBUYT
PHENYLACETALD PURE
PHENYLACETALD CRUDE

PHACETALD ETN ACL
PHAA DIBENZYL ACETAL
PHENYLACTIC ACID DIST
PHENYLACTIC ACID PURE
PHENYLETHYL ACETAL

PHENYLETHYL ACETATE
PHENYLETHYL ALC NF
PEA NF COEUR

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DESCRIPTION

PEA NF EXTRA
PEA NF PRIME
P E A RESIDUE RED
PHENYLETHYL ANTH
PHENYLETHYL BENZOATE

PHENYLETHYL BUTYRATE
PHENYLETHYL CINT
B PHENYLETHYL CL
PHENYLETHYL FORMATE
PHENYLETHYL IBUT

PHENYLETHYL IVALT
PHENYLETH PHENYLACT
PHENYLETHYL PROPT
PHENYLETHYL SALT
PHENYLPROPYL ACETATE

PHENYLPROPYL ALCOHOL
PHENYLPROPYL ALD
PHENYLPROPYL FORMATE
PINACOL
PIPERITONE

NORMAL PROPYL ACETAL
D PULEGONE
PYROLYSATE ESTER
PYROLYSATE A 1993
PSEUDOIONONE

PSEUDOIONONE CRUDE
PSEUDOIONONE SPECIAL
PSEUDORALDEINE A CD
PSEUDORALDEINE A
PSEUDORALDEINE D CD

PSEUDORALDEINE D
PSEUDORALDEINE D N P
RACEMIC ACID

877240600

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DESCRIPTION

RACEMIC ESTER
RALDEINE A
RALDEINE A CRUDE
RALDEINE D CRUDE
RALDEINE D

RALD GAMMA PRIME GD
RALDEINE GAMMA PRIME
RALDEINE OMEGA CRUDE
RALD GAMMA PURE NP
RALDEINE OMEGA

RALDEINE D PRIME
RALDEINE RES PURI
RALDEINE 93
RHODINOL EXTRA
RHODINOL SPECIAL

RHODINOL 70
RHODINYL ACETATE
RHODINYL PHENYLACT
ROSACEIOL
ROSACETOL CRUDE

ROSE ABSOLUTE MAROC
ROSMARY TERPLS A4958
ROSOXIDE 90
SAFROLE DISTILLED
SANDELA CONCENTRATE

SANDELA GD 1
SANDELA 10 S
SANTALOL
SANTALYL ACETATE
SASSAFRAS ARTI KH

SINPINE
SINPINE REDIST
SINDONE C

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DESCRIPTION

SPICE TERPENES BULK
STABILIZER NO 1
STABILIZER NO 1 DIP
STABILIZER NO 9A E1
STABILIZER D 12

STEMONI
STYRAX ABSOLUTE RES
STYRAX RESIN NO 10
SUNSCREEN NO 2
TERENDL

TERPINENOL
TERPINEOL EXTRA
TERPINEOL PRIME
A TERPINEOL RECRYD
TERPINOLENE

TERPINOLENE P
TERPINYL ACETATE EX
TERPINYL ACT EX CD
TERPINYL ACETATE PRI
TERPINYL ACT PRI CD

TERPINYL FORMATE
TERPINYL PROPIONATE
TERPINYL PROPT CD
TERRAVERT
TETRAHYDROPSIONONE

TETHYPSUEDOIONONE HP
TETRAHYDROLINALOOL
TEIHYPSEALDEINE D
THYMOL 90 PCT
THYMOL DISTILLED

THYMOL NF
THYMOL NF FINE CRYST
THYMOL NF PHOTOGRADE

877240602

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 21

DESCRIPTION

THYMOL NF PHOTOGRA 2X
THYMOL NF STANDARD
TMEI

TOLU BALSAM ABS RES
✓TOLYLACETALDEHYDE

TOLYL ALDEHYDE
TOLYL GLYCERYL ACL
TRICHLOROPHENOL
TRICHLOROPHENOL
VALENCENE

GAMMA VALEROLACTONE
VALSPICE
VANILLIN USP FM EUG
VANILLIN USP
VERATRYL ALD TECH 1

VERNALDEHYDE
VEROYL ACETATE
VEROYL PROPIONATE EX
VERSALIDE PRIME
VERSALIDE DISTILLED

VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL
VETIVER RECTIFIED
VETIVER ACETATE MD

VETIVER ACT 112
VETIVER ACETATE CD
VETI ACETATE B CRUDE
VETI ACETATE EXTRA B
VETIVER RECTO SPEC

VIRIDINE
VIRIDINE CRUDE
META XYLENE

877240603

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DESCRIPTION

YARA YARA PURE
YARA YARA CRUDE
YARA YARA PRIME D
YARA YARA DISTILLED
YLANG YLANG TERPLS

ZINGERONE

LAURINE RESIDUE
I P MENTHENE CO
MUSK KETONE RESIDUE
F 4436 ORANGE CONCT

F 4467 LEMON CONCT
F 5945 LEMON CONCT
F 5946 ORANGE CONCT

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STATISTICAL REPORT OF CHEMICAL
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PRODUCTS

PAGE NO. 1

DESCRIPTION

ACETAL CD
ACETAL R
ACETANISOLE
ACETANISOLE CRY
ACETATE C8

ACETATE C9
ACETATE C 10
ACETATE C11
ACETATE PA
ACET EST PRENE KET

ACETONE
ACETOPHENONE EXTRA
ACETOPHENONE PRIME
4 ACYL 1 MECEXENE
ACETYLTUJOPSENE

ADOXAL NP
ADOXAL NP 2
ADOXAL
ALCOHOL C8
ALCOHOL C9

ALCOHOL C 9 CRUDE
ALCOHOL C10
ALC C11 UNDECYLENIC
ALDEHYDE C8
ALDEHYDE C 9

ALDEHYDE C10
ALD C10 DIME ACL
ALD C11 UNDECYLENIC
ALD C11 UNDECYLIC
ALDEHYDE C 12 LAURIC

ALDEHYDE C 12 MNA
ALDEHYDE C14 PURE
ALD C14 MYRISTIC

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PAGE NO. 2

DESCRIPTION

ALDEHYDE C16 PURE
ALDEHYDE C 18
ALLYL CAPROATE
ALLYL CYCLXN PRT
AMBERSTEM

AMBRATE
AMBREINE
AMROGENE
AMEROL CRUDE
AMMONIAC GUM OLN

AMYL BENZOATE
AMYL BUTYRATE
AMYLCINNAMIC ALD
AMYLCINC ALD DIE ACL
AMYLCINNAMIC ALD PRI

AMYL FORMATE
AMYL PHENYLACETATE
AMYL PROPIONATE
AMYL SALICYLATE CD
AMYL SALICYLATE EX

AMYL SALICYLATE PRI
AMYRIS ACETATE
ANETHOLE TECHNICAL
ANISYL ALCOHOL
ANISOLE

ANISOLE COMMERCIAL
ANISYL ACETATE
ANISYL FORMATE
ARBORIL
AUBEPINE BISUL COMPC

AUBEPINE NP
AUB FM ANETHOL IMPRI
AUBEPINE NP 2

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 3

DESCRIPTION

AUBEPINE PRIME
AURANTIOL PURE
BACCARTOL BRUT
BAY OIL TERPLS DELA
BAY OIL TERPENES

BENZAL GLYCERYL ACL
BENZODIHYDROPYRONE
BENZDIN ABS RESIN
BENZDIN SUM ABS RES
BENZOPHENONE

BENZYL ACETATE CRUDE
BENZYL ACETATE EXTRA
BENZYL ACETATE COEUR
BENZYL ACETATE PRIME
BENZYL ACETATE PURIFIED

BENZYL ACETOACETATE
BENZYL ALCOHOL NF
BENZYL ALCOHOL PERF
BENZYL ALCOHOL TECH
BENZYL BENZOATE USP

BENZYL BUTYRATE
BENZYL CINNAMATE
BENZYL FORMATE
BENZYL ISOAMYL ETHER
BENZYL ISOBUTYRATE

BENZYL ISOEUGENOL
BENZYL ISOEUGENOL NF
BENZYL ISOVALERATE
BENZYL LAURATE
BENZYL PHENYLACETATE

BENZYL PROPIONATE
BENZYL SALICYLATE NF
BENZYL SALT NP IFF

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 4

DESCRIPTION

BERGACETAL
BERGAMOT D S T
BERG DEBERGAPTINATED
BERGAMOT TERPENELESS
BERGAMYL ACETATE

BIRCHTAR RECTIFIED
BDR REDISTILLED
BDR TERPENELESS D
BDR TERPENELESS
BDR FR BULK

BORNEOL CRUDE CRY
BORNEOL PURE CRY
BORNEOL FRACTIONS
BORNYL ACETATE F
B BR 8 NITSTYRE TECH

BROMSTYROL
BUTTER ESTER
BUTYLBENZALDEHYDE
BUTYL KETONE
4 TERT BUCYHXL ACT

4 TERT BUCYHXL CO
BUTYL LEVULINATE
BUTYL PHENYLACETATE
P T BUTYLTOLUENE
BUTYL UNDECYLENATE

BUTYLXYLENE
CALCIUM MALONATE
CAMPHOR SASY KH
CAMPHOR SASY RED
CAMPHOR COLOR

CAPROIC ACID RED
CAPRONIC ETHER LIGHT
CAPRYLENE RED

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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PAGE NO. 5

DESCRIPTION

CAPRYLIC ACID REDIST
CAPS OLEO RE A4961 2
CARVACROL PRIME
CARVACROL TECHN NP
CARYOPHYLLENE

CARYOPHYLLENE B
CARYOPHYLLENE EXTRA
CARYOPHYLLENYL ALC
CARYOPHYLLENE OXIDE
CASTOREUM ABS RESIN

CEDAR KETONE NP
CEDARWOOD FR 2
CEDARWOOD FR BULK
CEDARWOOD FR 1
CEDW OIL TEX RECTFD

CEDREN F CED KETN NP
ALPHA CEDRENE
CEDRENE F CEDARTNE V
CEDRENE FM CEDL ACT
CEDRENOL GD

CEDROL CRYSTALS
CEDROL PRIME
CEDRENE FM CEDROL 80
CEDROL 80
CEDRYL ACETATE BRUT

CEDRYL ACETATE DIST
CETONE V
CETYL ALCOHOL NF
CETYL ALC EX NF CUBE
CHEMICAL B 3874

CHEMICAL A 3804
CHEMICAL C 1650 TECH
CETONAL

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CTS

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PAGE NO. 7

DESCRIPTION

CITRONELLYL BUTYRATE
CITRONELLYL FORMATE
CITRONELLYL IBUYT
CITRONELLYL PRT
CIVET ABSOLUTE

CLOVE LEAF OIL RED
CLOVE LEAF TERPENES
COFONE
COMPOUND ESTER NO 1
COMPOUND 19 50 K

COMPOUND 30 SPECIAL
COMPOUND NO 1010
COMPOUND 1186 CAPT
CONSTITUENT NO 1
CONSTITUENT NO 4

CONSTITUENT NO 15
CORPS N 112
P CRESOL PURFD
PARA CRESYL ACETATE
P CRESYL ISOBUTYRATE

P CRESYL ME ETHER
P CRESYL PHENYL ACT
CREOSOL PRIME FO MFG
CUMINYL ACETALDEHYDE
CUMINIC ALDEHYDE

CUMINYL ALCOHOL PRI
CYCLAL
CYCLAMEN ALDEHYDE CD
CYCLAMEN ALD GIVCD
CYCLAMEN ALD EXTRA

CYCLAMEN ALDEHYDE GD
CYCLAMEN ALCOHOL
CYCLAMEN ALD NP

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

CYCL ALD SPEC BLDING
CYCLOHEXYLACETONE
CYCLOHEXYLACETONE
CYCLOHEXYLCYCLXON
DCA

DCA ISOMER NV
DELPHENONE
DELAGENE
DELTYL EXTRA
DELTYL PRIME

DIBENZYL CRUDE
DIBENZYL REFINED
DIBENZYL KETONE
GAMMA DIBROMO AMBROI
DCIC TECHNICAL

DIHEPTALDEHYDE
DIHYDRO ADOXAL
DIHYDROANETHOLE
DIMETHYLOCTANOL FC
DIHYDRO IRIS PUR CD

DIHYDROSEUDOIONONE NP
DIHYDROSEUDOIONONE
DIHYDRO SAFROL PURE
DIHYDROTERPINEOL CD
DIMETHYLACETOPH CD

DIMETHYLACETOPHENONI
DIME ANTHRANILATE
DIMETHYLBENZYL CARBL
DIMEBENZYL CARBL ACT
DIMETHYLOCTANOL SYN

DIMETOL
DIOCTYL KETONE
DIPENTENE RED

877240612

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

DIPENTENE
DIOXIN COSMETIC GRA
DIOXIN
DIPHENYLAMINE PURF
ELGENE

} CHEMICAL NAME IS 6-ACETOXY-2,4-DIMETHYL-M-DIOXANE

BRAND NAME NOW
IS
GIU-GARDEN

ESTRAGOLE
ETHONE
P ETHOXYBENZALD
ETHYL AMYL KETONE
ETHYL ANISATE

ETHYL BENZOATE
ETHYL CITRONELLAL
ETHYL CITRONELLAL CO
ETHYL CINNAMATE
ET EST COD LIVER OIL

ET EST LINSEED OIL
ETHYL LAURATE
ETHYL LEVULINATE
ET MONOCHLOROACETATE
ETHYL MYRISTATE

PARA ETHYLPHENOL
ETHYL PELARGONATE
ET PHENYLGLYCIDATE
ETHYL PHENYLACETATE
ETHYL SALICYLATE

ETHYL UNDECYLENATE
EUGENOL ACETATE
EUGENOL BAY
EUG C 45 FM CLO LF
EUGENOL EXTRA USP

EUGENOL PRIME USP
FIR BALSAM ANHYDROL
FIR BALSAM ABS RESIN

877240613

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

FOLIONE
FOLROSIA
FRESKOMENTHE
FURFURYL ACETATE
GALBANUM ABS RESIN

GARDENOL
GERALLOL PRIME
GERALLOL EXTRA
GERALLOL HC
GERANIOL CRUDE

GERANIOL PR 3 4
GERANIOL PRIME M CD
GERANIOL PRIME SUB
GERANIOL PURE
GERANIOL STANDARD

GERANIOL PURE M CD
GERANIOL FOR SOAP
GERANIOL RESIDUE SD
GERL TERPS BULK
GERANIOL H P

GERANIUM ALG RECTFD
GERM BOURBON RECTD
GERLN ACETATE PRI
GERLN ACT PRI M CD
GERANYL ACETATE EX

GERANYL ACETATE PURE
GERANYL ACETATE Y
GERANYL BENZOATE
GERANYL BUTYRATE
GERANYL CAPROATE

GERANYL FORMATE
GERANYL PHENYLACT
GERANYL PROPIONATE

877240614

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

GERMIZONE
GIVCOMENTHE GF F3843
GIV TAN F
GIV TAN CRUDE
GIV 1 1449

GIV 2 2200
GIV 2 3868
GIV 2 4503
GIV 2 5171
GIV 2 4414

GIV 2 3869
GIV 2 4663
GIV 2 5089
GIV 2 4858
GIV 2 5331

GIV 2 5431
GIV 2 5679
GIV 2 5719
GIV 2 5888
GIV 2 5983

GIV 2 5823
GIV 2 4890
GUAIAWOOD ACT EXT
GUAIACOL PHENYLACT
GUAIAWOOD ACT PRIME

G 4 EXTRA
G 4 PURE
G 4 TECH FINE GRIND
G 4 TECHNICAL
G 4 TECH FOR G 4 40

G 4 40 TECH
G 11
HELIOTROPIN CRYSD

877240615

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DESCRIPTION

HELIOTROPIN DIST
HELIOTROPIN RECRYSO
HERBORAL
HEXALDEHYDE
2 HEXENAL

HEXYL BENZOATE
HEXYLCINNAMIC ALD
HYDRATROPIC ALDEHYDE
HYDRATROPIC ALD DM A
HYDRATROPIC ALD EX

HYDROLENE
HYDROLENE CRUDE
HYDROLENE HU
HYDROLENE P 60
HYDROLENE RL EXTRA

HYCITLAL DIME ACL
HYDROXYCITRONELLOL
HYDROXYDIHYDROCITLUL
HYDIHYETCITRONELLAL
INDOLE PURE

INDOLE TECHNICAL
IRIS ALDEHYDE PURE
IRISONE ALPHA NP
IRISONE ALPHA EX WH
IRISONE A EX WH NP

IRISONE BETA PURE
IRISONE BIS
IRISONE COEUR
IRISONE CRUDE A
IRISONE PURE

IRISONE PURE NP
IRISONE PURE CRUDE
ISOMYL ETHER

877240616

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

ISOAMYL UNDECYLENATE
ISOBORNYL ACETATE
ISOBORNYL PROPIONATE
ISOBUTYL BENZOATE
ISOBUTYL CAPROATE

ISOBUTYL PHENYLACT
IBUTL PHENYLACT CD
ISOBUTYL SALICYLATE
ISOBUTYLQUINOLENE
ISOCYCLOCITRAL LG

ISO EUGENOL
ISOEUGENOL ACETATE
ISOEUGENOL BAY
ISOEUGENOL NP
ISOEUGENOL ACT NP

ISOEUGENOL EXTRA
ISOEUGENOL EXTRA MFG
ISOEUGENOL NP EXTRA
ISOEUGENOL PHENYLACT
ISOLORAL

ISOMENTHONE PURE
ISOMENTHONE P
P ISOPROPYLCYCLXON
P ISOPR HYOTP ALD
P ISOPROPYLPHENOL

ISOPULEGOL ACETATE
ISOPULEGOL FRACT
ISOPULEGOL PURIFIED
ISORALDEINE
ISOSAFROLE

ISORALDEINE 70
ISOSAFROLE DIST
ISORALDEINE EXTRA

877240617

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DESCRIPTION

ISORALDEINE 70 CRUDE
ISOTHYMOL
ISOVALERIC ALDEHYDE
JASVERATE
JASMONYL

JASMONYL DCA
JOPSONE
JUNIPER BRY OIL MT
JUNOX
KETONAROME POWDERED

LABDANUM ABS RES
LAURINE PURE
LAURINE EXTRA
LAURINE PURE E C
LAURINE RES PURIFIED

LAURYL ALCOHOL
LAVE SPIKE TERPLS
LAVANDIN OIL
LAVA ACYTD TERPLS
LEAF ALCOHOL

LEMAROME CITRAL
LEAF ACETAL
LEAF ACETATE
LAVONE EXTRA
LAVONE

LEAF ISOBUTYRATE
LEAF TIGLATE
LEMON FIVE X TYPE 2
LEMON OIL FIVE FOLD
LEMON OIL WASHED

LEMONGRASS OIL RED
LEMONILE
LIGNOX

877240618

STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

LILIAL
LILOL EXTRA GD
LIME OIL 5 X TYPE 2
LIME OIL WASHED
LINALOOL BRAZILIAN

LINALOOL BRAZ CD
LINALOOL
LINALOOL EXTRA
LINALOOL EX BRAZIL D
LINALOOL PURISSIME

LINYL ACT 92 PCT
LINALYL ACETATE 92PC
LINYL ACT 96 97 PC D
LINYL ACT EXTRA
LINALYL ACETATE TAC

LINALYL BENZOATE
LINALYL BUTYRATE
LINALYL CINNAMATE
LINALYL FORMATE
LINALYL ISOBUTYRATE

LINALYL PROPIONATE
MANDARIN OIL TERPLS
MARANIOL
MATE ABSOLUTE RESIN
MELONAL

MENTHANYL ACETATE
MENTHANYL ACETATE CD
1 PARA MENTHENE
MENTHOL USP RACEMIC
MENTHOL 20 NON USP

MENTHOL RAC NON USP
MENTHONE PRIME
MENTHONE RAC PURE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

METHYL ACETATE N P
METHYL ACETATE RAC
METHIAZOL
METHYLACETOPHENONE
METHYL ANISATE

METHYL ANTHR STND
METHYL ANTHR EX
3 METHYL BUTANYL ACT
ME ANTHRANILIC ACID
P METHYLBENZALDEHYDE

METHYL CARBITOL
METHYL CINNAMATE
A METHYLCINNAMIC ALD
METHYLCOUMARIN
METHYLCYCLOHEXYL PRT

METHYL DIPHENYL ETH
ME DIPHENYL ETHER PG
METHYLEUGENOL
METHYLHEPTENONE NP
MEHEPTENONE TECH

METHYL HEXYL KETONE
P METHYLHYDTP ALD
METHYLISOEUGENOL
5 METHYL 2 OCTANONE
METHYL OCTYL ACETALD

METHYL OCTINE CARBT
METHYL OCTYL KETONE
METHYL PHENYLACETATE
P METHYLPH ME CARBL
METHYL PHENYLPRT

2 ME 4 UNDECANONE
METHYL UNDECYLENATE
MOSKENE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS

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DESCRIPTION

MUSK ALPHA
MUSK 1241
MUSK AMBRETTE
MUSK KETONE
MUSK TIBETENE

MUSK XYLOL
MYRAL GD
MYRCENE REDISTILLED
MYRISTYL ALC SPEC CU
MYRRH ABSOLUTE RESIN

NEOFOLIONE
NEROL 800 RED
NEROL PRIME
NEROLIN CRYSTALS
NERONE NP

NERYL ACETATE PRIME
NONOIC ACID PURE
NOBRICOL
NOPOL ACETATE
NOOTKATONE

NOOTKATONE RED
NOOTKATONE NP
OAK MOSS ABSOLUTE RE
OAKMOSS ACIDS
GAMMA OCTALACTONE

3 OCTANOL
OCTAHYDRO COUMARIN
OCTYL BUTYRATE
OCTYL ISOBUTYRATE
OLIBANUM ABS RES

OLIBANUM SR
OPOPONAX ABS RE
OPOPONAX SR

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DESCRIPTION

ORANGE OIL AFR 5X
ORANGE OIL FL 5 X
ORANGE OIL VAL 10X
ORANGE JU CARBONYLS
DE JU CARBONYLS CD

ORANGE TERPENES DECO
ORANGE TERPS RED
ORANGER CRYSTALS
ORANGER LIQUID
OTR DIPENTENE QR FR

OTR RESIDUE SD
P I C
PARVONE
PATCHOULI OIL NDT
PEPMT RES LTCOL BULK

PERU BALSAM
PERU BALSAM OIL G
PERU BALSAM ANHYDROL
PERU BALSAM ABS RE
PETITGRAIN OIL RECTO

PETI TERPS ACYTO
PETI OIL TERPLS EX
PHELLANDRENE
PHENOXYETHYL IBUYT
PHENYLACETALD PURE G

PHENYLACETALD PURE
PHENYLACETALD CRUDE
PHACETALD ETN ACL
PHAA DIBENZYL ACETAL
PHENYLACTO ACID DIST

PHENYLACTO ACID PURE
PHENYLETHYL ACETAL
PHENYLETHYL ACETATE

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STATISTICAL REPORT OF CHEMICAL PRODUCTS
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DESCRIPTION

PHENYLETHYL ALC NF
PEA NF COEUR
PEA NF EXTRA
PEA NF PRIME
P E A RESIDUE RED

PHENYLETHYL ANTHI
PHENYLETHYL BENZOATE
PHENYLETHYL BUTYRATE
PHENYLETHYL CINT
B PHENYLETHYL CL

PHENYLETHYL FORMATE
PHENYLETHYL IBUT
PHENYLETHYL IVALT
PHENYLETH PHENYLACT
PHENYLETHYL PROPT

PHENYLETHYL SALT
PHENYLPROPYL ACETATE
PHENYLPROPYL ALCOHOL
PHENYLPROPYL ALD
PINACOL

PINUS PUMILIO RED
BETA PINENE
PIPERITONE
NORMAL PROPYL ACETAL
PRUNOLIC ACID

D PULEGONE
PYROLYSATE ESTER
PSEUDOIONONE
PSEUDOIONONE CRUDE
PSEUDOIONONE SPECIAL

PSEUDORALDEINE A CD
PSEUDORALDEINE A
PSEUDORALDEINE D CD

877240623

STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
JAN. 1ST TO DEC. 31ST, 1972

PAGE NO. 20

DESCRIPTION

PSEUDORALDEINE D
PSEUDORALDEINE D N P
RACEMIC ACID
RACEMIC ESTER
RALDEINE A

RALDEINE A NP
RALDEINE A NP CRUDE
RALDEINE A CRUDE
RALDEINE D NP CRUDE
RALDEINE D CRUDE

RALDEINE D
RALD GAMMA PRIME GD
RALDEINE GAMMA PRIME
RALDEINE OMEGA CRUDE
RALD GAMMA PURE NP

RALDEINE OMEGA
RALDEINE D PRIME
RALDEINE RES PURI
RALDEINE 93
RHODINOL EXTRA

RHODINOL SPECIAL
RHODINOL SPECIAL RJ
RHODINOL 70
RHODINYL ACETATE
RHODINYL FORMATE

RHOD FORMATE SPEC
RHODINYL PHENYLACT
ROSACETOL
ROSE ABSOLUTE MAROC
ROSMARY TERPLS A4958

ROSOXIDE 90
RUTHENTIUM ACYLACTNAT
SAFROLE DISTILLED

877240624

STATISTICAL REPORT OF CHEMICAL PRODUCTS

NOW OR FORMERLY MANUFACTURED IN DELAWARE
JAN. 1ST TO DEC. 31ST, 1972

PAGE NO. 21

DESCRIPTION

SANDELA CONCENTRATE
SANDELA GD
SANDELA IO
SANTALOL
SANTALYL ACETATE

SASSAFRAS ARTI KH
SINPINE
SINPINE REDIST
SINDONE B GRADE 90
SINDONE C

STABILIZER NO 1
STABILIZER NO 1 DIP
STABILIZER NO 9A EI
STEMONE
STYRAX ABSOLUTE RES

STYRAX RESIN NO 10
STYRONE RESIN GRD
SUNSCREEN NO 2
TERENOL
TERPINENDL

TERPINEOL EXTRA
TERPINEOL PRIME
A TERPINEOL RECRYD
TERPINOLENE
TERPINOLENE P

TERPINYL ACETATE EX
TERPINYL ACT EX CD
TERPINYL ACETATE PRI
TERPINYL ACT PRI CD
TERPINYL FORMATE

TERPINYL PROPIONATE
TERPINYL PROPT CD
TERRAVERT

877240625

STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
JAN. 1ST TO DEC. 31ST, 1972

PAGE NO. 22

DESCRIPTION

TETHYPSUEDIONE NP
TETRAHYDROPSIONONE
TETHYPSUEDIONONE NI
TETRAHYDROLINALOOL
TETHYPSRALDEINE D

THYMOL 90 PCT
THYMOL DISTILLED
THYMOL USP
THYMOL USP FINE CRY
THYMOL USP PHOTGRADI

THYMOL USP PHOTGA 2:
THYMOL USP STANDARD
THET
TOLU BALSAM ABS RES
TOLYLACETALDEHYDE

TOLYL ALDEHYDE
TOLYL GLYCERYL ACL
TRICHLOROPHENOL
TRICHLOROPHENOL
VALENCENE

GAMMA VALEROLACTONE
VALSPICE
VANILLIN USP FM EUG
VANILLIN USP
VERATRYL ALO TECH 1

VERNALDEHYDE NP
VERDYL ACETATE
VERDYL PROPIONATE E
VERSALIDE PRIME
VERSALIDE DISTILLED

VERSALIDE CRUDE
VERSALIDE EXTRA
VETIVEROL

877240626

STATISTICAL REPORT OF CHEMICAL PRODUCTS
NOW OR FORMERLY MANUFACTURED IN DELAWARE
JAN. 1ST TO DEC. 31ST, 1972

PAGE NO. 23

DESCRIPTION

VETIVER RECTIFIED
VETIVER ACETATE MD
VETIVER ACT 112
VETIVER ACETATE CD
VETI ACETATE EXTRA B

VETIVER RECTO SPEC
VIRIDINE
VIRIDINE CRUDE
META XYLENE
YARA YARA PURE

YARA YARA CRUDE
YARA YARA PRIME D
YARA YARA DISTILLED
YLANG YLANG TERPLS
ZINGERONE

BZL ACT BORATE RES
LAURINE RESIDUE
I P MENTHENE CD
MUSK KETONE RESIDUE
F 2238

F 4436 ORANGE CONCT
F 4467 LEMON CONCT
F 5945 LEMON CONCT
F 5946 ORANGE CONCT
F 6168 ORANGE CONCT

F 6169 LEMON CONCT
F 7196 Lime Oil Conc.
F 7197 Lemon Oil 2X
F 7881 Orange Oil 5X

877240627

Attachment(B)
CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/83-6/30/83

BENZALDEHYDE GLYCERYL ACETAL

3,4-DIMYRROCUMARIN

BENZOIN SIAM ABSOLUTE RESIN

BENZOIN SUMATRA SOLUBLE RESIN

BENZYL ACETATE

BENZYL ISOBENTYL ETHER

BENZYL 2-METHOXY-4-PROPENYPHENYL ETHER

BENZYL DODECANOATE

BENZYL PHENYLACETATE

BENZYL O-HYDROXYBENZOATE

BUTYL 10-UNDECENOATE

CAPROIC ACID

ISOPROPYL O-CRESOLS MIXTURE OF ISOMERS

CASTOREUM ABSOLUTE RESIN

3-PHENYL-2-PROPEN-1-OL

3-METHYL-2-NONENENITRILE

3,7-DIMETHYL-2,6-OCTADIENALS (CIS & TRANS)

3,7-DIMETHYL-2,6-OCTADIENALS + ETHANOL REACTION PRODUCTS

EUCALYPTUS CITRAGONA OIL ACETYLATED

3,7-DIMETHYL-6-OCTEN-1-AL

3,7-DIMETHYL-6-OCTEN-1-OL

3,7-DIMETHYL-6-OCTEN-1-YL ACETATE

3,7-DIMETHYL-6-OCTEN-1-YL 2-METHYLPROPIONATE

TRANS-3,7-DIMETHYL-2,6-OCTADIEN-1-OL & 3,7-DIMETHYL-6-OCTEN-1-OL

N-(P-ETHOXYCARBOXYLPHENYL)-N'-ETHYL-N'-PHENYLFORMAMIDINE

P-HYDROXYPHENYLBUTAN-2-ONE

4-METHOXYTOLUENE

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/83-6/30/83

- NONYL ACETATE

7-DECYL ACETATE

ACETALDEHYDE NATURALLY DERIVED

ACETOPHENONE

1-OCTANOL

1-NONANOL

1-DECANOL

1-OCTANAL

2-NONANAL

1-DECANAL

1-DECANAL DIMETHYL ACETAL

10-UNDECENAL or 10-UNDECEN-1-AL

^{UN}
1-DECANAL

1-DODECANAL

2-METHYLUDECANAL

1-TETRADECANAL

ALLYL CYCLOHEXYL PROPIONATE

METHYL ORCINOCARBOXYLATE

4,7-DIMETHYLA-2-ISOPENTYL-2-METHYL-1,3-DIOXEPAN

1-ACETOXY-1-ETHYNYL-2-SEC-BUTYL CYCLOHEXANOL

ISOPENTYL BUTYRATE

ISOPENTYL PHENYLACETATE

p-METHOXYBENZYL ALCOHOL

p-METHOXYBENZYL ACETATE

p-METHOXYBENZALDEHYDE

METHYL N-(3,7-DIMETHYL-7-HYDROXYOCTYLIDENE)-ANTHRANILATE

CITRONELLA OIL + ACETONE CONDENSATION PRODUCTS

ETHYL ESTERS OF BUTYR

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/83-6/30/83

p-TOLYL PHENYLACETATE

6-ISOPROPYL-2-DECALONE

6-ISOPROPYL-2-DECALOL

p-(n-PROPYL)PHENYL METHYL ETHER

2,6-DIMETHYLHEPTAN-2-OL

1-(p-METHOXYPHENYL)-1-PENTEN-3-ONE

3-OCTANONE

3-NOHANONE

ETHYL 2-PICOLINATE

FIR BALSAM ANHYDROL

FIR BALSAM ABSOLUTE RESIN

ISOLONGIFOLENE EPOXIDE

2-SEC-BUTYLCYCLOHEXANONE

TRANS-3,7-DIMETHYL-2,6-OCTADIEN-1-OL

GERANIUM ROSE ALGERIAN RECTIFIED

GERANIUM ROSE BOURBON RECTIFIED

TRANS-3,7-DIMETHYL-2,6-OCTADIEN-1-YL ACETATE

BETA-BROMO-BETA-NITROSTYRENE 25%

1,1,3,4,4,6-HEXAMETHYLTETRALIN

2,6-DIMETHYL

2-ETHOXYETHYL 3-PHENYL-2-PROPENOATE

2-NOEN-1AL

GUAIOL ACETATE

2,2'-METHYLENEBIS(4-CHLOROPHENOL)

2,2'-METHYLENEBIS(4-CHLOROPHENOL) SODIUM SALT

2,2'-METHYLENEBIS(3,4,6-TRICHLOROPHENOL)

2-HEXENAL

CHEMICALS MANUFACTURED IN CLIFTON
BY GIULIUDAN CORPORATION 1/1/83-6/30/83

2-PHENYLPROPANAL

1,1-DIMETHOXY-2-PHENYLPROPANE

1,1-DIMETHOXY-3,7-DIMETHYLOCTAN-7-OL

3,7-DIMETHYLOCTAN-1,7-DIOL

4(2,6-TRIMETHYL-2-CYCLOHEXYL)-2-METHYL-3-BUTEN-2-ONE

4-(2,6,6-TRIMETHYL-2-CYCLOHEXYL)-2-BUTEN-2-ONE & ISOMERS
ISOMENTHONE

1-METHYL-4-ISOPROPENYLCYCLOHEXAN-3-YL ACETATE

CIS-3-HEXENOL

7-HYDROXY-3,7-DIMETHYLOCTAN-1-AL

3-(4-~~tert~~-BUTYL-PHENYL)-2-METHYLPROPAN-1-AL

3,7-DIMETHYL-1,6-OCTADIEN-3-OL

OCTENE MONO & DIACETATES

2-METHYL-2-VINYL-5-HYDROXY-ISOPROPYL TETRAHYDROFURAN

3,7-DIMETHYL-1,6-OCTADIEN-3-YL FORMATE

OCTANOATE

2-METHYLPROPIONATE

PROPIONATE

2,6-DIMETHYL-5-HEPTEN-1-AL

1-ISOPROPYL-4-METHYLCYCLOHEXAN-2-OL

7-METHYLBENZALDEHYDE

6-METHYLCOUMARIN

2-METHOXYBIPHENYL

1,1,3,3,5-PENTAMETHYL-4,6-DINITROINDANE

2,4-DIBROMO-3-METHOXY-6-NITROTOLUENE

4-~~tert~~-BUTYL-3,5-DINITRO-2,6-DIMETHYLACETOPHENONE

5-~~tert~~-BUTYL-4,6-DINITRO-1,2,3-TRINITROBENZENE

5-~~tert~~-BUTYL-2,4,6-TRINITRO-M-XYLENE

CHEMICALS MANUFACTURED IN CLIFTON
BY GUARDIAN CORPORATION 4/1/83-6/30/83

2-METHYL-2-VINYL-5-ACETOXY ISOPROPYL TETRAHYDRO FURAN

CIS-3,7-DIMETHYL-2,6-OCTADIEN-1-OL & ACETATE

2-ETHOXYNAPHTHALENE

MYRTENOL

BETA-NITROSTYRENE 30% IN TOLUENE

NANOIE ACID

OAKMASS ABSOLUTE RESIN

BETA-NAPHTHOL METHYL ETHER

p-ISOPROPYLCYCLOHEXANOL

p-METHOXYCINNAMIC ACID DIETHANOLAMINE SALT

PETITGRAIN OIL RECTIFIED

1-ISOPROPYL-4-METHYL-2,4-CYCLOHEXADIENE

PHENYLACETALDEHYDE

PHENYLACETIC ACID

5-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-4-PENTEN-3-ONE & ISOMERS

3,7-DIMETHYL-6-OCTEN-1-OL & 3,7-DIMETHYL-7-OCTEN-1-OL

5-(2,2,3-TRIMETHYLCYCLOPENT-3EN-1-YL)-3-METHYLPENTAN-2-OL

PHENYLETHYL BUTYRATE

PHENYLETHYL ISOBUTYRATE

PHENYLETHYL PHENYLACETATE

PHENYLPROPYL ACETATE

3,7-DIMETHYL-6-OCTEN-1-OL

1-(p-MENTHENE-6-YL)-1-PROPANONE

SASSAFRASS ARTIFICIAL RH

ISOCAMPARYL CYCLOHEXANOLS

p-1-MENTHEN-8-OL & p-8-MENTHEN-1-OL & ACETATE

3,7-DIMETHYLOCTAN-3-YL ACETATE

CHEMICALS MANUFACTURED IN CLIFTON
BY BIVAUDAN CORPORATION 1/1/83 - 6/30/83

TOLU. BALSAM ABSOLUTE RESIN

1-METHYL-4-(4-METHYLPENTYL)-3-CYCLOHEXENE-1-CARBOXALDEHYDE

p-METHYLPHENYLACETALDEHYDE

METHYL N-(p-tert-Butyl-ALPHA-METHYLHYDROCINNAMALDEHYDE)-
ANTHRANILATE

VERBENOL

2-METHOXYNAPHTHALENE

ACETYL PENTAMETHYL CYCLOPENTENE

1-FORMYL-1-METHYL-4-(4-METHYLPENTYL)-3-CYCLOHEXENE

PHENYLACETALDE DIETHYL ACETAL

4-(4-HYDROXY-3-METHOXYPHENYL)2-BUTANONE

ISOPROPYL-P-CRESOLS

MYRTENOL

4-(4-METHYL-3-PENTEN-1-YL)-3-CYCLOHEXENE-1-CARBOXALDEHYDE

Attachment (C)
CHEMICALS MANUFACTURED IN CLIFTON
BY GIUAUDAN CORPORATION 1/1/78 - 12/31/78

To LIST OF 1/1/83 - 6/30/83 ADD THE FOLLOWING:

ACETALDEHYDE PHENYLETHYL PROPYL ACETAL

p-METHOXYACETOPHENONE

1-OCTYL ACETATE

10-UNDECEN-1-YL ACETATE

ALLYL PHENOXYACETATE

2,6,10-TRIMETHYL-9-UNDECEN-1-AL

10-UNDECEN-1-OL

GAMMA-NONALACTONE

ALLYL CAPROATE

ISOBENTYL FORMATE

p-PROPENYLPHENYL METHYL ETHER

BAY OIL TERPENES

BENZYL CINNAMATE

BENZYL FORMATE

BERGAMOT DISTILLED

TRICYCLO ACETATE

CARYOPHYLLENE

CEDRENE

CEDRYL ACETATE

ACETYL THUJOSENE

2-METHYL-4-(2,6,6-TRIMETHYL-2(1)-CYCLOHEXYENYL)-BUTANAL

CINEOL

CINNAMON LEAF OIL REDISTILLED

CINNAMYL ACETATE

CINNAMYL ANTHRANILATE

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/78 - 12/31/78

CINNAMYL PROPIONATE

DIMETHYL ACETAL OF 3,7-DIMETHYL-2,6-OCTADIENAL (CIS & TRANS)

3,7-DIMETHYL-6-OCTEN-1-YL FORMATE

CIVET ABSOLUTE

CLOVE LEAF OIL REDISTILLED

2,2'-METHYLENE BIS (p-CRESOL)

2-PIPERONYL PROPANAL

CASTOREUM SKINOLE RESIN

p-CRESYL PHENYLACETATE

4-ACETYL-6-TERT-BUTYL-1,1-DIMETHYLINDANE

p-ISOPROPYL BENZALDEHYDE

p-ISOPROPYL BENZYL ALCOHOL

p-ISOPROPYL-ALPHA-METHYLHYDROCINNAMALDEHYDE

2-CYCLOHEXYL CYCLOHEXANONE

CYCLOHEXYL ACETONE

DIBENZYL

DIBENZYL KETONE

2,6,10-TRIMETHYLUDECAN-1-AL

DIMETHYLOCTANAL

p-ETHOXY BENZALDEHYDE

ETHYL ACETATE NATURALLY DERIVED

3,7-DIMETHYL-2,6-NONADIEN-1-AL

ETHYL CINNAMATE

ETHYL NITRITE

ETHYL OXYHYDRATE

ETHYL PHENYLGLYCIDATE

EUGENYL ACETATE

EUGENOL

CHEMICAL MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 4/78-12/31/78

FURFURYL ACETATE

N-FURFURYL PYRROLE

GALBANUM ABSOLUTE RESIN

3-METHYLOL-2-OCTANONE

GERANIC ACID

TRANS - 3,7-DIMETHYL-2,6-OCTADIEN-1-YL BUTYRATE

" FORATE

" PHENYLACETATE

PHENYLMETHYL CARBONYL ACETATE

GUAIACOL PHENYLACETATE

CIS-3-HEXENYL O-METHOXY BENZOATE

HEXYL BENZOATE

INDOLE

ISOMYL ACETATE NATURALLY PERFUMED

ISOBUTYL O-METHOXY BENZOATE

ISOGUENOL

1-METHYL-4-ISOPROPENYLCYCLOHEXAN-3-OL

4-(2,5,6,6-TETRAMETHYL-2-CYCLOHEXYL)-2-ANTEN-2-ONE

LABDANUM ABSOLUTE RESIN

CEDARWOOD OIL OXIDIZED

CIS-3-HEXENOL & ACETATE

CIS-3-HEXENYL TIGLATE & BUTYRATE

LEMON OIL FIVE FOLD

LEMON OIL TEN FOLD

3,7-DIMETHYL-2(3),6-NONADIENENITRILE

3,7-DIMETHYL-1,6-OCTADIEN-1-YL ACETATE

" BENZOATE

MENTHANYL ACETATE

CHEMICALS MANUFACTURED IN CLIFTON
BY GIARDANO CORPORATION 1/1/78 - 12/31/78

1-p-MENTHENE

METHYL ANTHRANILATE

METHYL ISOEUGENOL

2-UNDECANONE

METHYL PHENYLACETATE

2,6-DINITRO-3-METHOXY-4-TEST-ANTYLTOLUENE

MYRCENE REDISTILLED

3-OCTANOL

OCTAHYDROCOUMARIN

OLIBANUM ABSOLUTE RESIN

ORANGE TERPENES

PATCHOULI OIL NDT

PERU BALSAM ANHYDROL

PHENYLETHYL ACETAL

PHENYLETHYL DIMETHYL CARBINOL

PHENYLETHYL FORMATE, ISGUALERATE & PROPIONATE

PHENYLPROPYL ALCOHOL

METHYL 2-NONENOATE

N-PROPYL ACETAL

PIPERITONE

D-PULEGONE

RACEMIC ESTER

ROSEMARY TERPENELESS

PYROLYSATE

~~SANTAL~~ ESTER

SINAPINE

5-METHYL-3-HEPTANONE OXIME

SUGAR ACIDS

2-METHOXY-P-CRESOL

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/78-12/31/78

TERPINOLENE

TERPINYL PROPIONATE

THYMOL

3,4-DIMETHOXYBENZALDEHYDE

VETIVER OIL RECTIFIED

VETIVEROL

VETIVER ACETATE

3-METHYLENE-2-OCTANONE

DELETE FOLLOWING FROM LIST OF 1/1/83 - 6/30/83:

~~p-METHOXYBENZYL ALCOHOL~~

~~8-ACETOXY-1-ETHYNYL-2-SEC-BUTYLCYCLOHEXANOL~~

~~p-METHOXYBENZALDEHYDE~~

~~CAPROIC ACID~~

~~4,7-DIHYDRO-2-ISOBENTYL-2-METHYL-1,3-DIOXEPIN~~

~~ACETYL PENTAMETHYLCYCLOPENTENE~~

~~3-PHENYL-2-PROPEN-1-OL~~

~~3,7-DIMETHYL-2,6-OCTADIENAL (CIS & TRANS)~~

~~3,7-DIMETHYL-6-OCTEN-1-YL ACETATE & 2-METHYLPROPIONATE~~

~~COFFEE ANHYDROL~~

~~6-ISOPROPYL-2-DECALOL~~

~~p-(n-PROPYL)PHENYL METHYL ETHER~~

~~3-OCTANONE~~

~~3-NONANONE~~

~~ETHYL 2-PICOLINATE~~

~~GERANIUM ROSE POURAON RECTIFIED~~

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/78-12/31/78

MYRTENOL

2-HEXENAL

3,7-DIMETHYLOCTAN-2-OL

4-(4-METHYL-3-PENTEN-1-YL)-3-CYCLOHEXYN-1-CARBOXYALDEHYDE

1-ISOPROPYL-4-METHYL-2,4-CYCLOHEXADIENE

PHENYLETHYL BUTYRATE, ISOBUTYRATE & PHENYLACETATE

SASSAFRASS ARTIFICIAL KM

3,7-DIMETHYLOCTAN-3-YL ACETATE
p-METHOXYCINNAMIC ACID METHANOLAMINE SALT

~~7-HYDROXY-2-PHENYL-BUTAN-2-OL~~

4-(4-HYDROXY-3-METHOXYPHENYL)-2-BUTANONE

Attachment (D)
CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/73 - 12/31/73

TO LIST OF 1/1/83 - 6/30/83 ADD THE FOLLOWING:

ACETALDEHYDE PHENYLETHYL PROPYL ACETAL

P-METHOXY ACETORRONSNE

1-OCTYL ACETATE

10-UNDECEN-1-YL ACETATE

ALLYL PHENOXY ACETATE

2,6,10-TRIMETHYL-7-UNDECEN-1-AL

2-METHYL DECAN-1-AL

GAMMA-NONALACTONE

ALLYL CARBOATE

LONGIFOLENE KETONE

ACETYL THUJOSENE

AMMONIAC GUM

AMMONIUM SULFIDE

ISOPENTYL BENZOATE

AMYL CINNAMIC ALDEHYDE

ISOPENTYL FORMATE

ISOPENTYL PROPIONATE

ISOPENTYL 2-HYDROXY BENZOATE

BENZYL ALCOHOL

BENZYL CINNAMATE

BENZYL FORMATE

BENZYL 2-METHYL PROPIONATE

BENZYL PROPIONATE

BENZYLIDENE ACETONE

BERGAMOT DST

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/73 - 12/31/73

BERGAMOT OIL DEBERGAMINATED

BERGAMOT OIL TERPENE LESS

BERGAMYL ACETATE

BORNYL ACETATE

CAPSICUM OLEORESIN

CARBITOL

CARYOPHYLLENE

CARYOPHYLLENE OXIDE

CEDARWOOD OIL TEXAS RECTIFIED

CEBRENSOL

ACETYL CEDRENE

CEDROL

CEORYL ACETATE

CINNAMYL ACETATE

CINNAMYL ANTHRANILATE

CINNAMYL PROPIONATE

DIMETHYL ACETAL OF 3,7-DIMETHYL-2,6-OCTADIENAL (CIS & TRANS)

3,7-DIMETHYL-6-OCTEN-1-YL BUTYRATE & FORMATE

CLOVE LEAF TERPENES

CEBRENE EPOXIDE

5-(2,2,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-4-PENTEN-3-ONE

p-TEAT-BUTYLPHENYL ACETATE

CASTOREUM SOLUBLE RESIN

p-CRESOL

p-CRESYL ACETATE

p-CRESYL ISOBUTYRATE

CUMINYL ACETALDEHYDE

GERANIOL OIL ACETYLATED

CHEMICALS MANUFACTURED IN GLETON
BY GIVAUDAN CORPORATION 1/1/73-12/31/73

p-ISOPROPYL - ALANIN - METHYL HYDROCINNAMALDEHYDE

CYCLOHEXYL ACETONE

2-CYCLOHEXYL CYCLOHEXANONE

2,6,10-TRIMETHYL UNDECAN-1-AL

DIMETHYLOCTANONE

DIMETHYL ANTHRANILATE

DIMETHYL SUCCINATE

DIPENTENE REDISTILLED

DIPHENYL AMINE

ETHYL CINNAMATE

p-ETHYLANEOL

ETHYL PELARGONATE

ETHYL PHENYLGLYCIDATE

ETHYL PHENYLACETATE

EUGENOL ACETATE

EUGENOL

p-ISOPROPYL CYCLOHEXANOL

GALBANUM ABSOLUTE RESIN

TRANS - 3,7-DIMETHYL-2,8-OCTADIEN-1-YL BUTYRATE & FORMATE

"

PHENYLACETATE

2,4-DIMETHYL-3-CYCLOHEXEN-1-CARBOXYALDEHYDE

PHENYL METHYL CARBINYL ACETATE

ACETYL CARENE

2,4,4-TRIMETHYL-5-CYCLOHEXENONE

6-HEXYL-1,3-DIOXANE

2,5,6

4,7-D-TRIMETHYL-1,5-HEPTADIENE NITRILE

PROPYL 3(CYCLOHEXANONE-2-YL) PROPIONATE

METHYL CYCLOHEXADIENES

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/73-12/31/73

4-TERT-BUTYLCYCLOHEXAN-1-AL

HYDROLENE

3,7-DIMETHYL-2(3),6-METHANESATRILE

SANTALOL

SANTALYL ACETATE

5-METHYL-3-HEPTANONE OXIME

HELIOTROPINE

1-HEPTALDEHYDE

HEXYL BENZOATE

INDOLE

RACEMIC ESTER

2,6-DINITRO-3-METHOXY-4-TERT-BUTYL TOLUENE

4-(2,6,6-TRIMETHYL-2-CYCLOHEXYNYL)-2-BUTEN-2-ONE & ISOMERS

ISOPENTYL UNDECYLENATE

ISOBORNYL PROPIONATE

ISOBUTYL CITRONELLAL

ISOBUTYL PHENYLACETATE

ISOBUTYL 2-HYDROXYBENZOATE

6-ACETYL

ISOSAFEROL

JUNIPER BERRY OIL

CEDARWOOD OIL OXIDIZED

LABDANUM ABSOLUTE RESIN

CIS-3-HEXENOL

LEMON OIL FIVE FOLD

6-ACETYL-1,1,3,4,4,6-HEXAMETHYLTETRALIN

8,7-DIMETHYL-1,5-OCTADIEN-1-YL ACETATE

MENTHANYL ACETATE

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/73-12/31/73

MENTHONE

MENTHYL ACETATE

METHIAZOL

METHYL ACETOPHENONE

METHYL ANTHRANILATE

METHYL EUGENOL

P-METHYLHYDRATROPIC ALDEHYDE

METHYL ISAEUGENOL

5-METHYL-2-OCTANONE

METHYL OCTINE CARBONATE

METHYL O-METHOXYBENZOATE

METHYL PHENYLACETATE

2-METHYL-4-UNDECANONE

SUGAR ACIDS

1,1,4,4-TETRAMETHYL-6-ETHYL-7-ACETYLTETRALIN

MYRRH ABSOLUTE RESIN

OAKMOSS ACIDS

GAMMA-OCTALACTONE

3-OCTANOL

OLIBANUM ABSOLUTE RESIN

OPPONAX ABSOLUTE RESIN

OPPONAX SOLUBLE RESIN

ORANGE OIL AFRICAN SX

ORANGE JUICE CARBONYLS

ORANGE TERPENES

ALPH-METHYL NAPHTHYL KETONE

PATCHOULI OIL NDT

PEPPERMINT OIL TERPENES

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/73-12/31/73

PERU BALSAM ANHYDROL

PHENOXYETHYL ISOBUTYRATE

PHENYLETHYL ACETAL

PHENYLETHYL ACETATE

" BENZOATE

" ISOBUTYRATE

" ISOVALERATE

" PHENYLACETATE

" PROPIONATE

" 2-METHOXYBENZOATE

" PROPIONATE

PHENYLPROPYL ALCOHOL

PINUS POMILLO REDISTILLED

PIPERITONE

n-PROPYL ACETAL

D-PULEGONE

2-METHOXY-P-CRESOL

ROSE ABSOLUTE MAROC

3,4-DIMETHOXYBENZALDEHYDE

SUGAR ACIDS

SINAPINE

STYRAX ABSOLUTE

TERPINOLENE

TERPINYL PROPIONATE

CHEMICALS MANUFACTURED IN CLIFTON
BY GIVAUDAN CORPORATION 1/1/73 - 12/31/73

TOLYL ACETALDEHYDE

TOLYL ALDEHYDE

P-TOLYLALDEHYDE DIMETHYL ACETAL

GAMMA - VALEROLACTONE

VERDYL ACETATE

VERDYL PROPIONATE

UETINEROL

UETINER

UETINER ACETATE

TO LIST OF 1/1/73 - 6/30/83 DELETE THE FOLLOWING:

1-DECANYL ACETATE

ACETALDEHYDE NATURALLY DERIVED

ACETYL PENTAMETHYL CYCLOHEPTANE

BUTYL 10-UNDECENOATE

P-METHOXYBENZYL ALCOHOL

P-HYDROXYPHENYL DUTAN-2-ONE

6-ISOPROPYL 2-DECALOL

3-OCTANONE

3-NONANONE

CHEMICALS MANUFACTURED IN CLIFTON
BY GINAUDAN CORPORATION 1/1/73-12/31/73

ETHYL 2-PROLINATE

ISOLANGIOLONE EPOXIDE

GERANIUM ALGERIAN RECTIFIED

GERANIUM ROURON RECTIFIED

2-NONEN-1-AL

MYRTENOL

3,7-DIMETHYLOCTAN-1,7-DIOL

4-(4-METHYL-3-PENTEN-1-YL)-3-CYCLOHEXEN-1-CARBOXALDEHYDE

1-METHYL-4-ISOPROPENYLCYCLOHEXAN-3-OL ACETATE

3,7-DIMETHYL-1,6-OCTADIEN-3-YL FORMATE

OCTANOATE

2-METHYLPROPIONATE

PROPIONATE

CAPROIC ACID REDISTILLED

2-METHYL-2-NONENITRILE

3,7-DIMETHYL-6-OCTEN-1-YL 2-METHYLPROPIONATE

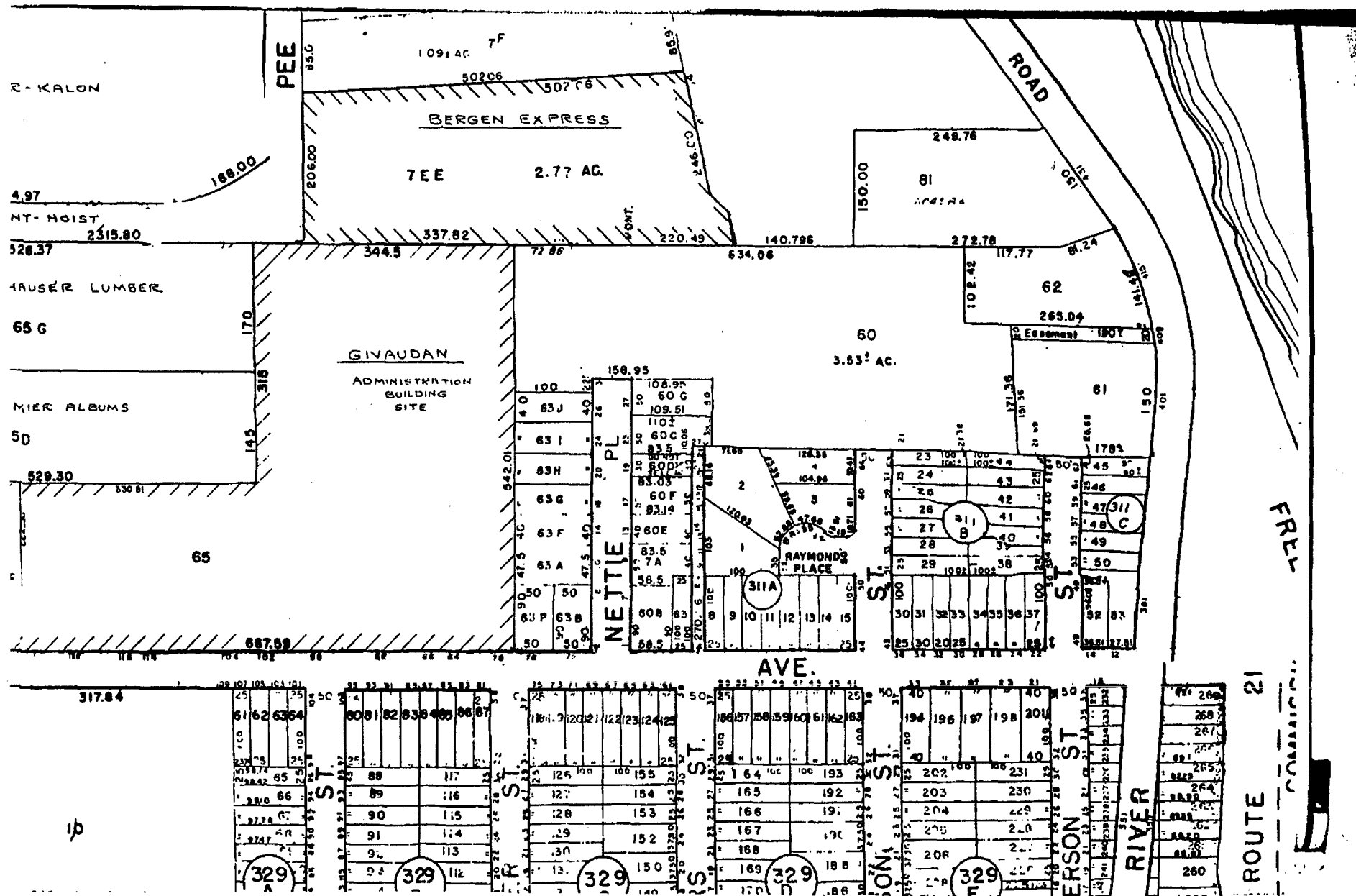
COFFEE ANHYDROL

p-HYDROXYPHENYLBUTAN-2-ONE

p-METHOXYCINNAMIC ACID DIETHANOLAMINE SALT

5-(2,2,3-TRIMETHYLCYCLOPENT-3-EN-1-YL)-3-METHYLPENTAN-2-OL

877240649



PLAT TO 1970

Attachment (F)

G. F. Talarico
Clifton, N. J.
July 5, 1983

HISTORY OF SITE PRESENTLY OCCUPIED
BY GIVAUDAN AROMATIC CHEMICAL PLANT

The present site of the Givaudan Aromatic Chemical Plant is bordered by Delawanna Avenue on the west; Conrail on the north and east; Boll Street, Dyer Avenue and River Road on the south covering an area of 31.43 acres. The site was occupied by several manufacturing companies including Antoine Chiris, Burton T. Bush, Capes Viscose Inc. (DuPont) and National Anoid Co.

Antoine Chiris started to purchase parcels of land and began to build a manufacturing facility in 1913 which was later sold out to Burton T. Bush in 1924. Burton T. Bush in turn sold part of the company to Givaudan, who gradually acquired sole ownership of the whole facility. The bulk of the products manufactured by these companies, Antoine Chiris, Burton T. Bush and Givaudan were for use in the fragrance and flavor industry and for the most part, in the early years at least, were of natural origin, with such products as clove leaf and patchouli leaf oils among the major products.

Capes Viscose later purchased DuPont, was located in Bldgs. 35 and 36, and manufactured a plastic material used to make bottle caps; we assume that it was made from wood pulp cellulose, sodium hydroxide and carbon disulfide. In 1931, Givaudan purchased this property from Antoine Chiris who had leased it to DuPont.

877240650

National Anoid occupied the southern part of the site and we know very little about it except that it had something to do with the cleaning of copper wire and melting it into copper ignots. The plant burned down in 1926 and was probably out of operation a long time before that event.

Insofar as the disposition of waste is concerned, we know that large quantities of exhausted clove and patchouli leaves were dumped on the site to be later picked up by surrounding farmers for use as mulching agent. Any other solid waste was carted away in the conventional manner of the day.

Capes Viscose is reported to have deposited some of their plastic material on the surface of Bldg. 36. This hardened and was later picked up for disposal in one of the local dump sites to make room for new construction. The type of waste generated from the National Anoid facility is unclear, however, we suspect mineral acids such as hydrochloric acid were used and dumped onto the ground.

Although we have had several mishaps over the years, the most significant threat to our plant was a large fire at Min Wax on September 28, 1978. This plant is located across the railroad tracks bordering our plant and during the fire many 50-gallon drums of solvent exploded sending debris flying all over the area reaching Givaudan, who incidentally helped to control the fire. There have been no major fires or explosions at Givaudan over the years.


George F. Talarico

877240651

Attachment G

- 1 -

SUMMARY OF FIRES/EXPLOSIONS/ACCIDENTS

<u>Date</u>	<u>Type Incident</u>	<u>Location</u>	<u>Description</u>
1960	Fire	Bldg. 26	Decomposition - nitro musk process
4/13/69	Bush Fire	Off-site - R/R TK	Spark from passing train ignited weeds
6/20/69	Fire	Bldg. 46X	Fire in tote bin
9/14/69	Bush Fire	Off-site - R/R TK	Spark from passing train
8/28/70	Fire	Bldg. 56	Filter press - spontaneous combustion of catalyst
5/77	Fire	Bldg. 6B	Dowtherm oil spill ignited by gas fired still
12/3/73	Explosion	Bldg. 95 Chemical Sewer	Vinyl Acetate during sewer welding
12/12/74	Explosion	Bldg. 95	Hydrogen meter over pressurized
8/25/75	Explosion	Bldg. 2	75 gallon sulfuric acid tank over pressurized
10/10/75	Fire	Bldg. 80	Propionaldehyde storage tank ignited
10/15/75	Fire	Bldg. 6B	Oil spill ignited
8/13/76	TCP Accident	G-11 Hot Box	TCP drum spilled in hot box during 2nd or 3rd shift (winds out of South, South-West)
1/31/76	Fire	Bldg. 24	Centrifuge purge
3/18/77	Fire	Bldg. 95	Sodium Methyllate - spontaneous combustion
3/19/77	Fire	Bldg. 95	Koch Sultzzer still overheated

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Summary of Fires/Explosions/Accidents

<u>Date</u>	<u>Type Incident</u>	<u>Location</u>	<u>Description</u>
1/17/77	TCP Accident	G-11 Hot Box	TCP drum spilled in hot box during 1st shift (winds out of WNW and WSW)
4/22/77	Fire	Bldg. 56	Spontaneous combustion of catalyst
11/24/77	Fire	Bldg. 36B	Nitro Musks
6/21/78	Fire	Bldg. 200 Chemical Sewer	Hot slag entered hole in manhole cover during burning operation
9/28/78	Fire	Off-site - Minwax Plant	Entire Plant was destroyed
5/18/79	Fire	Bldg. 95	Spontaneous combustion Spilled chemicals saturated in insulation
5/24/79	Fire	Bldg. 95	Spontaneous combustion Spilled chemicals saturated in insulation
3/27/80	Explosion	Bldg. 72 Chemical Sewer	Unauthorized welding by contractor
3/27/80	Brush Fire	Off-site - R/R TK	Spark from passing train ignited weeds
8/8/80	Fire	Bldg. 6B	Dowtherm oil spill ignited by gas fired still
9/11/80	TCP Accident	G-11 Hot Box	TCP drum spilled in hot box during 2nd or 3rd shift (winds out of NNW to NNE)
11/6/80	Fire	Bldg. 56	Filter press - spontaneous combustion of catalyst
4/21/81	G-11 Accident	Bldg. 59	G-11 reactor raw materials flew out of unsecured manhole cover onto bldg. floor

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Summary of Fires/Explosions/Accidents

<u>Date</u>	<u>Type Incident</u>	<u>Location</u>	<u>Description</u>
8/24/81	Brush Fire	Off-site - R/R TK	Spark from passing train ignited weeds
2/9/82	Fire	Bldg. 14	Paper Fire - Spontaneous combustion
10/19/82	Brush Fire	Off-site - R/R TK	Spark from passing train ignited weeds
4/26/83	Fire	Bldg. 27	Spontaneous combustion

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Attachment (4)

ATTACHMENT NO. 1

Page 1

HEXACHLOROPHENE PROCESS: OFF-SITE DISPOSAL ACTIVITIES							
Description of Waste	Date	N.J. Mani- fest	# Drums	Waste Disposal Company	Hauler	Disposal Location	Disposal Method
Hexachlorophene Filter Cake	2/4/83	65423	26	Cecos Int'l	Environmental Trans Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	6/10/82	65422	8	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	6/4/82	65421	16	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	11/25/81	15841	12	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	10/13/81	15839	27	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	10/6/81	15838	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	7/6/81	10456	32	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	4/20/81	10455	12	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	2/10/81	10453	12	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	2/2/81	10452	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	9/11/80	89139	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	9/8/80	89137	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	6/30/80	89134	36	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill

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Hexachlorophene Process: Off-Site Disposal Activities

-2-

<u>Description of Waste</u>	<u>Date</u>	<u>N.J. Mani- fest</u>	<u># Drums</u>	<u>Waste Disposal Company</u>	<u>Hauler</u>	<u>Disposal Location</u>	<u>Disposal Method</u>
Hexachlorophene Filter Cake	4/23/80	89127	8	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	3/18/80	89122	56	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Ammonium Salts of Hexachloro- phene	2/27/80	-----	2	Interex Corp.	St. Johnsbury	Natick, Mass	Chemical Disposal
Hexachlorophene Filter Cake	7/13/79	89118	20	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	4/27/79	89115	24	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	3/6/79	89113	51	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	1/16/79	89112	24	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	12/8/78	89111	22	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	9/19/78	89109	44	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	1966-1978		--	Donadia Waste Hauler			
Hexachlorophene Filter Cake	1965-1966		--	Collucci Waste Hauler			
Waste Trichlorophenol	2/4/83	65423	6	Cecos Int'l		Niagara Falls, N.Y.	Landfill

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Attachment (H)

ATTACHMENT NO. 2

Waste Sent Off Site For Disposal 1975 - 1983

<u>Waste Material</u>	<u>Quantity</u>	<u>Waste Disposal Co.</u>	<u>Hauler</u>	<u>Method</u>	<u>Location</u>
1. Brominated Musk Alpha Residue	41 Drums	S&W Inc.	S&W	Landfill	Ohio & N.Y. & Alabama & Pinewood S.C.
2. Waste Solid PCB	1 Drum	Cecos Int'l	Environmental Transport	Landfill	Ohio
3. Still Bottoms Residue #1 (Butyl Benzaldehyde Residue - mixed residue for dump-Oranger Crystal residue - Corps N-112, Residue - Delagene Residue)	1748 dms.	Cecos Int'l	1. Environmental Trans. 2. Cooper Jarret 3. Devcon Group 4. Lorber Trucking	Landfill	Ohio - N.Y.
4. Still Bottoms Residue #3 (Lilial Residue)	670 dms.	Cecos Int'l	1. Environmental Trans. 2. Cooper Jarret 3. Devcon Group 4. Lorber Trucking	Landfill	Ohio - N.Y.
5. Still Bottoms Residue #4 (Dehydrolilial Residue)	586 dms.	Cecos Int'l	1. Environmental Trans.	Landfill	N.Y.
6. Gamma Dibromo Ambrol	48 drums	Cecos Int'l	1. Environmental Trans.	Landfill	N.Y.
7. Musk Ambrette Residue Powder	146 drum	Cecos Int'l Newco Chemical Waste	1. Environmental Transport 2. Conrail	Landfill	N.Y. - Ohio
8. Flammable liquids ↓ 100°F	225 drum 700 drum	Marisol Inc Solite	Marisol Inc. All County Environmental	Incineration Incineration	N.J. N.Y.
9. Ethylene Dichloride	158 drum	Marisol Inc.	Marisol	Incineration/ Product Recovery	N.J.
10. Dimethyl Butane	111 drum	Marisol Inc.	Marisol	Incineration	N.J.
11. Methyl Alcohol Waste	312 drum	All County Environ.	All County	Incineration	N.J.
12. Isopropyl Alcohol Waste	200 drum	All County Environ.	All County	Incineration	N.J.
13. Asbestos	178 drum	Cecos Int'l	Environmental Transport	Landfill	N.Y. - Ohio
14. Combustible Liquids ↑ 140°F	954 drum	S&W	S&W	Landfill *	Ohio & N.Y. & Alabama & *

* Mix with Cement dust & made solid before burial

877240657

Source of Supply of Pure 2,4,5-Trichlorophenol
to Givaudan Corporation

<u>Year(s)</u>	<u>Supplier</u>
1946-1949	Givaudan Corporation
1949-1971	Hooker Chemical
1971-1975	None purchased - inventories used
1975-1976	ICMESA
1976-1978	Dow Chemical
1978-present	Celamerck, GmbH & Company
1982	Linz/A.G.

Attachment (J)

2,4,5-TRICHLOROPHENEOLANALYSIS FOR TCDD

(2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN)

Analysis (Extractions) Performed by Research Labs

<u>Lab #</u>	<u>Approximate Date Sent for Analysis</u>		<u>p.p.b.</u>
TC 405	8/1/77	T.C.P. Dow 02157 (3362-77)	3
TC 466	12/21/77		1
TC 464	12/21/77	410382 T.C.P. ??	<1.0
TC 465	12/21/77	410383 T.C.P. ??	<1.0
TC 424	9/15/77	G-11® Mother Liquor from Crystallization	<1.0
TC 457	12/16/77	T.C.P. Technical MM 12017-1	<1.0
TC 462	12/16/77	T.C.P. High Purity Dow 9145-76	<1.0
TC 455	12/16/77	T.C.P. 14837-77 Celemark	<1.0
TC 445	11/18/77	T.C.P. MM 09027-1	<1.0
TC 434	9/23/77		<1.0

April 19, 1983

877240659

Attachment (K)

2,4,5-TRICHLOROPHENOLANALYSIS FOR TCDD

(2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN)

Analysis Performed by Quality Assurance

<u>Lab #</u>	<u>Approximate Date Sent for Analysis</u>		<u>p.p.b.</u>
	3/17/78	Celemark T.C.P. 07057 07117	<1.0 <1.0
241	Sept. 1978	Celemark 9517-78	<1.0
240		9516-78	<1.0
	5/11/79	Vertac T.C.P. 6995 1-2 3-4 5-6 7-8	<1.0 <1.0 <1.0 <1.0
419	11/79	Thatcher Chem. Special Samples 15100-79	<1.0
449	2/80	Linz T.C.P. Special Sample 17989-79	2.9
520	5/29/80	Filter Cake 50 g. S _a Reported <10	<0.2
761	12/13/81	Caustic Water Layer from T.C.P. Drum Washes	<1.0
762	12/13/81	Solids & Extracts & Distillate from T.C.P. Waters	<1.0
881	4/22/83	Linz T.C.P. (3594-83) Drums 1 & 4	<1.0
882	4/22/83	Celamerck (3233 & 3244-83)	<1.0
885	4/22/83	Celamerck (8022-82)	<1.0
897	5/27/83	Celamerck #12 & #13 (4887-83)	<1.0

April 19, 1983
June 24, 1983 (Revised)

877240660

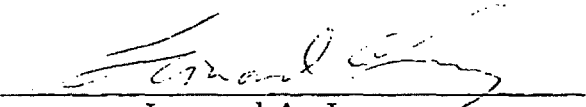
AFFIDAVIT OF LEONARD A. LEVY

Verifying that the attached memorandum from himself to John Rankin is a true copy.


STATE OF NEW JERSEY
CITY OF CLIFTON
COUNTRY OF PASSAIC

LEONARD A. LEVY, being duly sworn, deposes and says:

1. I have been the Manager of Quality Assurance since October 1, 1975 to the present time and during that period have been responsible for the department that analyses all raw materials received by and all finished products shipped by the Givaudan Corporation, plant located at 125 Delawanna Avenue in Clifton, New Jersey.
2. On June 22, 1983 I sent a memorandum to John Rankin which summarized the results for TCDD content in hexachlorophene obtained since the Quality Control Department began this routine analysis program in May of 1977.
3. A true copy of this memorandum is attached.
4. That memorandum is to the best of my knowledge and belief an accurate and true summary of the results of these analysis and is based on records which can be made available.


Leonard A. Levy
July 22, 1983

Before me this 22 day of July, 1983 personally appeared Leonard A. Levy who, being duly sworn, deposed and stated that the statements made in the foregoing affidavit are true to the best of his knowledge and belief, except as to matters stated to be upon information and belief, and as to these, affiant stated that he believes them to be true.


Notary Public

CATHERINE JERNIGAN
Notary Public, State of New Jersey
My Commission Expires Dec. 3, 1984

877240661

INTER-OFFICE MEMO

Date: June 22, 1983

(5)
GIVAUDAN

To: Mr. John Rankin

From: Mr. Len Levy

Div: Q. C.

CC:

Subject: TCDD ANALYSIS IN HEXACHLOROPHENE

D. M. Mordwintz

The Quality Assurance Laboratory began routinely analyzing G-11^(R) (Hexachlorophene U.S.P.) in May 1977.

The normal procedure, is for the bulking of two lots of G-11 (5 g. each), extracting each of the pairs as per our procedure, and forwarding the extracts to California Analytical Laboratories for G.C.-M.S. Analysis.

The policy of the department is (since 1978), that if any analysis was above 1 ppb on the composite sample, each lot would be analyzed individually.

Review of the results since this laboratory began performing TCDD analysis, indicated that, prior to June 1978 the majority of samples analyzed were found to be less than 1.0 ppb with several samples (3-4) being below 4.0 ppb. In many instances, the higher TCDD levels were attributed to interferences in the G.C.- M.S. analysis which probably could be eliminated through reanalysis or additional sample clean-up. However, since the TCDD limit at that time was established at 10 ppb, these samples were not re-evaluated.

All samples evaluated after June 1978 were found to contain less than 1.0 ppb TCDD.

LAL:bj

Leonard Levy
Leonard Levy

877240662

7/25/83

D.E.P. INQUIRY

DEMOLITION

1. Demolition Activities

To the best of our knowledge no demolition took place prior to 1970.

Exhibit I - Listing of Activity
Exhibit II - Map

2. Activities Conducted

A. Private residence

B. Former Goodlatte LInoleum Works independent of Givaudan ceased operation approximately 1950, produced floor coverings, used by Hoffmann la Roche as warehouse during 1960's.

C. Krouse Doremus Foundry independent of Givaudan, ceased operation approximately 1965, produced metal castings.

D. Private residence

E. Private residence

F. Building 48
Warehouse for Givaudan production

G. Buildings 1, 2, 3, 4, 4A, 5, 6, 8, 12, 12A, 12B, 13, 14, 20, 21 & 40
These buildings with the exception of 20, 21, & 40 were interconnected .

The great majority of products were distillation operations.

Several natural products such as terpine, cloves and iris roots were extracted over the years.

See Exhibit III

3. Demolition Contractors

See Exhibit I

4. Final Deposition of Rubble

Terms of contract for demolition include disposal of rubble in compliance with Federal, State and Local regulations.

5. Fill Materials

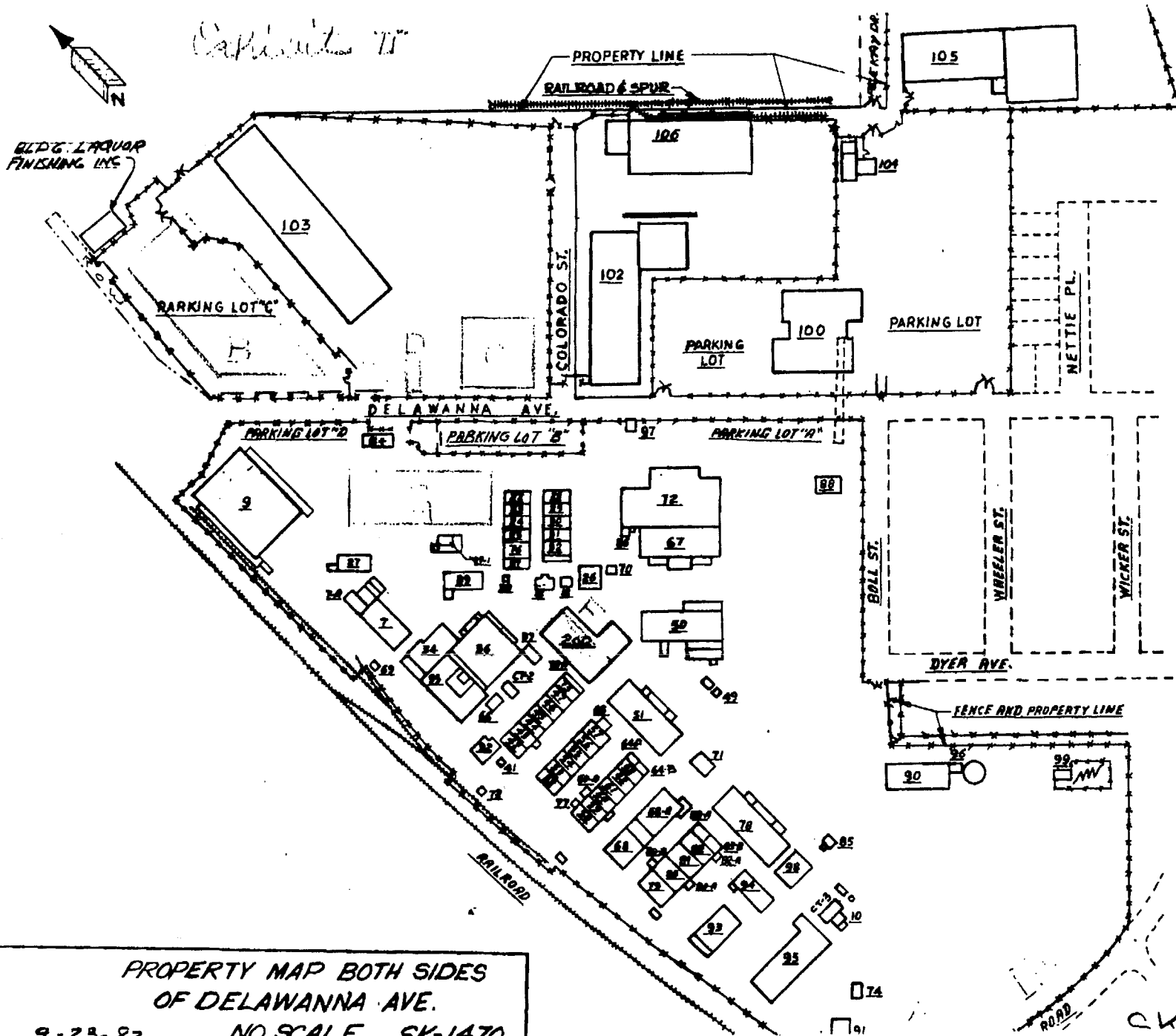
No material from offsite has been placed on property south of Delawanna Avenue, except commercial sand and gravel.

No material from the site south of Delawanna has been placed on the site north of Delawanna Avenue.

877240663

EXHIBIT IDEMOLITION WORK AT GIVAUDAN COMPLEX

A.	1970	-	Pavan House River Road	Marinaro Wrecking Co. 22 Hanover St. Clifton, N.J. 07055
B.	1970	-	Hoffmann la Roche Whse. Delawanna Avenue	Marinaro Wrecking Co.
C.	1971	-	Krouse-Doremus Bldg. Delawanna Avenue	Petillo Bros. 63 Hornblower Avenue Belleville, N.J. 07109
D.	1973	-	Jim Wricht's House Delawanna Avenue	Marinaro Wrecking Co.
E.	1978	-	2 Story House 253 River Road	West Orange Contracting 606 Eagle Rock Avenue West Orange, N.J. 07052
F.	1978	-	Building #48 (For Bldg. 200)	American Wrecking Corp. Plaza Nine 900 Rt. #9 Woodbridge, N.J. 07095
G.	1982	-	Bldgs. 1, 2, 3, 4, 4A, 5, 6, 8, 12, 12A, 12B 13, 14, 20, 21	Marinaro Wrecking Co.



Givaudan Fragrance Corporation

Request for Information
Response Document
Clifton, New Jersey

9 July 2004

0018037

Volume II

Givaudan Fragrance Corporation

Request for Information
Response Document
Clifton, New Jersey

9 July 2004

0018037

Volume II

877240667

Attachment 5
Community Right to Know
Chemical Inventory

877240669

Attachments 5A
Chemical Production History
Summary

877240670

<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>PRODUCED</u>
Acacfol	1944, 1946	
Acetal C.D.	1963	
Acetal R	1939, 1941, 1943-1946, 1950 1955-1957, 1961, 1964-1966	
Acetanisole	1939, 1944, 1946, 1954-195 1960-1963, 1965-1966	
Acetate C-8	1940-1941, 1948, 1951, 195 1957-1959, 1964, 1966	
C-9	1940-1942, 1948, 1951, 1957-1958, 1963, 1965-1966	
C-10	1940, 1944, 1949, 1959, 1964	
C-11	1940-1941, 1946, 1948, 195 1956-1960, 1963-1964, 1965-1966	
C-12	1940, 1943, 1950, 1954, 1960-1961	
Acetate P.A.	1952-1956, 1958, 1960-1964 1965	
Acetic Acid Glacial	1943	
Acetoacetic Ester Propylene Ketal	1951, 1955-1956, 1959, 1961-1963, 1966	
Acetone Purified	1939, 1951	
Acetonitrile HLR	1954-1958	
Acetonylcyclo- hexanol	1952-1953	
Acetophenol	1944, 1946	
Acetophenone	1925-1927, 1929-1937, 1941 1944-1946, 1949, 1952-1953 1956, 1960 1962-1964, 1965	
Extra Tech.	1927, 1928-1932, 1934	

<u>PRODUCE</u>	<u>2.</u>	<u>YEARS IN WHICH</u>	<u>NUFACTURED</u>
Acetyl Cl		1962	
Acetyl Eugenol		1929*, 1931*	
Acetyl Isoeugenol		1928*, 1929*, 1940-1941, 1943-1953, 1956, 1957-1958	
2-Acetyl Phenthiazine		1956	
Aconitic Ester		1945	
Adoxal		1943-1944, 1949, 1951-1952, 1954-1960, 1962 1946	
N.P.		1962-1964, 1945-1946	
Alcohol C-8		1940-1941, 1945, 1950-1951, 1953-1956, 1959-1962, 1964, 1955-1960	
C-9		1939, 1942, 1945, 1947-1948 1950, 1953, 1957-1959, 1961 1945-1946	
C-10		1940-1943, 1945, 1950, 1953-1955, 1962, 1945-1946	
C-11			
Undecylenic		1939, 1941-1945, 1957-1964 1945-1946	
Undecylic		1939, 1941-1942	
C-12 Lauric		1940, 1942, 1949-1950, 1951-1954	
Aldehyde			
C-8		1940-1942, 1944-1949, 1954, 1955, 1957-1964, 1945-1946	
N.P.		1949-1951	
C-9		1940-1944, 1946-1964, 1945-1946	
Extra		1957	

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Aldehyde C-10	1939-1949, 1954-1964
Dimethyl Acetal N.P.	1963, 1965 1946, 1950-1953
C-11 Undecylenic	1940-1948, 1950-1964
Undecylic	1956-1964
Hearts	1944
C-12 Lauric	1940-1948, 1950-1964
N.P.	1950
Copar	1953
H.D.	1953-1954
C-12 H.N.A.	1940-1964
Extra	1959
Hearts	1944
C-14 Myristic	1940, 1942, 1953-1964
C-14 Pure (Undecalactone)	1935-1936, 1940-1941, 1943-1951, 1953-1956, 1958-1960, 1962-1964
C-16	1940-1942, 1945-1953, 1955-1964
Crude	1950
C-18 Prunolide	1940-1943, 1945, 1947-1951 1953-1958, 1960-1964
Allyl Acetone	1950, 1952
Allyl Bromide	1930*
Allyl Caproate	1939-1942, 1945, 1947, 194 1954, 1956, 1959-1964

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Allyl Cyclohexyl Propionate	1962-1964, 1965-1966
Oil Bitter Almond SPA	1924
Amber Liquid Clarified	1924
Ambral	1947-1949, 1952-1953
Ambreine	1945-1948, 1950, 1954-1955, 1957, 1959-1964, 1965-1966
No. 2	1950-1951, 1954
Ambrogene	1932-1948, 1950-1951
N.P.	1948-1953, 1954-1964, 1965-1966
#2	1950
homo Ambrogene	1951
Ambrol	1933-1942, 1944-1948, 1957, 1961-1963
homo Ambrol	1951
Amide HLR	1954-1958
Amyl Benzoate	1940-1943, 1946, 1951, 1957, 1959-1960, 1962
Amyl Butyrate	1952-1957, 1959-1964, 1965-1966
Amyl Cinnamic Aldehyde	1927-1964, 1965
Prime	1949-1964, 1965
Special	1956
Amyl Ether	1929

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Amyl Formate	1950-1951, 1953-1955, 1957-1958, 1960-1961, 1964 1965-1966
Amyl Phenylacetate	1939-1942, 1945-1947, 1951 1954, 1960, 1965-1966
Amyl Propionate	1932-1935, 1941-1946, 1949 1955, 1958-1959, 1963, 1965- 1966
Amyl Salicylate Extra	1926-1928, 1931-1932, 1934-1964, 1965-1966
Spec.	1929
Prime	1924-1964, 1965-1966
N.P.	1950
Amyris Acetate	1961-1964, 1965-1966
Anethole	1924
N.F.	1935-1938, 1940-1946, 1949-1951, 1953
Extra	1949, 1951, 1953
Redist.	1934-1935
U.S.P.	1957-1960
Anhydrol Castoreum	1956
Aniline Redist.	1935
Anisic Acid	1940, 1947-1948
Anisic Alcohol	1936-1951, 1953, 1957-1961
Anisic Aldehyde Bisulfite Cpd.	1956*

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Anisoin	1943
Anisole	1939-1940, 1944-1945, 1949 1951-1953, 1955, 1957-1959 1961-1962, 1964
Commercial	1953, 1956-1959, 1961-1962
Distilled	1956
Technical	1953
Anisyl Acetate	1939-1949, 1951, 1953-1962 1964
Anisyl Acetic Acid	1954-1958, 1960
Anisyl Alcohol	1954-1956, 1961-1964, 1965
Crude	1954-1956, 1958-1959, 1961-1962, 1964, 1965
Anisyl Chloride	1954-1957
Anisyl Cyanide	1954-1958
Anisyl Formate	1940-1941, 1948-1949, 1960 1962
Anthranilic Acid	1938
AR-1 Terpeneless	1955-1959, 1961
Arborone	1964
Aubepine	1924-1956
Bisulfite Cpd.	1956*, 1957, 1959-1960, 1961-1964, 1965
By-Prod. Red.	1934
N.P.	1945-1964, 1965
#2	1950, 1955
Extra	1956
Prime	1956-1964
Res. Purif.	1941-1944, 1948, 1952, 1953, 1960

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PRODUCT

YEARS IN WHICH MANUFACTURED

Aurantiol
Pure

1925-1947, 1949-1950
1951-1964, 1965-1966

Azobenzol Crystals
#1
#2

1939-1942, 1945-1946
1939

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Bath Oil Powdered	1962
Oil Bay Terp'less.	1925-1926, 1932-1936, 1938 1940-1942, 1952-1953, 1955 1959
BCNB Technical	1958
Benzal Acetophenone	1954
Benzal Glyceryl Acetal	1951-1952, 1954-1963
Benzaldehyde N.F. Recov. Tech.	1952 1935, 1939, 1949 1944-1945
Benzodihydropyrone	See Dihydro Coumarin
Benzoin Absolute Resin	1927-1964
50% Spec.	1946 1936
Benzoin Soluble Resin	1924-1925
Benzoin Sumatra	1946, 1964
Benzol Purified	1951-1952
Benzophenone	1925, 1926*, 1927-1932, 1934-1964
Benzyl Acetate C Extra	1948-1963 1924-1927, 1930-1944, 1946-1964
Spec. F.F.C.	1929 1926

Benzyl Acetates continued on next page.

PRODUCT	YEARS IN WHICH MANUFACTURED
Cinnamic Aldehyde	1924-1928, 1931-1960
Ufg.	1944-1956, 1958-1961
Tech.	1930-1933, 1935-1938
Cinnamon Alcohol	
Terpenes Dist.	1933
Cinnamon Leaf Ceylon	
Redist.	1933-1943, 1951, 1954, 1961-1963
Rectified	1936
Terpeneless 95%	1936-1939
98%	1936
Cinnamon Leaf	
Comores Redist.	1938
Cinnamon Leaf	
Madagascar Redist.	1935-1936
Residue Redist.	1951
Seychelles Redist.	1935-1938, 1940, 1942-1945, 1947, 1952
Terpenes Redist.	1937-1938, 1942
Cinnamyl Acetate	1939-1946, 1949, 1953, 1956, 1958, 1960-1962, 1965
Cinnamyl Anthranilate	1958-1964
Cinnamyl Butyrate	1940, 1956
Cinnamyl Cinnamate	1929*, 1939-1945, 1947-1953, 1958-1959
Cinnamyl Formate	1939-1941, 1947, 1950
Cinnamyl Isobutyrate	1957

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<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>MANUFACTURE</u>
Cinnamylidene Acetophenone	1937	
Cinnamyl Propionate	1939-1941, 1947-1948, 1951 1954-1962, 1964, 1965	
Cinnamyl Valerate (Isovalerate)	1939-1941, 1950-1951, 1954 1957-1958, 1960-1962	
Citral 80	1962-1964	
Citral L 80	1962	
Citral 100%	1932	
B	1930	
Extra	1931	
Extra Fine	1930	
Pure	1938-1941, 1943-1944, 1946-1950, 1952-1964	
SS	1925-1946, 1949-1964	
VS	1929-1930, 1932, 1935-1936 1938-1948, 1950, 1952-1953 1958-1959, 1962	
Special	1933-1939	
Citral Dimethyl Acetal Extra	1957-1958, 1960-1964	
Citral Fractions Deterpenated	1942	
Citro Geraniol	1928-1939, 1950	
Citronella Oil		
Java Redist.	1924	
Native Redist.	1924	

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<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>MANUFACTURE</u>
Citronellal	1927, 1929-1931, 1935-1938 1941, 1947-1948	
CG	1953-1964	
G	1963	
L	1943-1944, 1946-1947	
Crude	1944-1945	
N	1942, 1928-1964, 1945-1946	
Mfg.	1937, 1939-1940	
Pure	1938, 1940	
Special	1940	
Technical	1937	
Citronellol	1927, 1929, 1932-1933	
B-7363	1962	
B Extra	1933	
C	1954, 1956-1957	
Extra	1932-1942, 1944-1964, 1945	
Givco Extra	1963-1964, 1945-1946	
Givco Prime	1964, 1945-1946	
Mfg.	1930	
N	1942	
N-2	1944	
Prime	1952-1953, 1955, 1957-1964	
Soap	1929, 1930, 1936	
Special	1933-1934, 1936-1937, 1940-1942, 1944-1964, 1945-1946	
L	1946	
N	1957	
Mfg.	1958-1959	
Citronellyl Acetate	1924, 1928, 1938-1939, 1941, 1948, 1950, 1954, 1957-1958, 1960, 1962-1964	

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Citronellyl Butyrate	1939-1942, 1949, 1951, 1957-1964
Citronellyl Formate	1936, 1946, 1948, 1951-196
Citronellyl Isobutyrate	1941, 1948, 1952-1953, 1958-1962, 1964
Citronellyl Propionate	1940-1941, 1946, 1948, 1950-1951, 1954, 1956, 1962-1963
Civet Absolute	1946, 1949-1951, 1953-1964
Civet Clarified	1924*
Clair de Styrax	1925*
Clarification Residue Purified	1938
Oil Clove A.R.	1930
Clove Brut	1926-1935, 1937-1938, 1941, 1944-1945
Clove Oil	
Buds	1924-1936, 1938-1948
Spec.	1932
Redist.	1937, 1946
Dust	1935
Redist.	1935
Light in Color	1938-1939
Madagascar	1936-1937
Rectified	1932
Stems	1934
Redist.	1935-1936, 1945
T'less 95%	1935-1936, 1938, 1941-1943
99%	1935-1939, 1941-1942

<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Clove Leaf Oil	
Madagascar Redist.	1932
Redist.	1939-1940, 1945-1949, 1951, 1953-1954, 1959-1960, 1963-1964
GMP Carbinol	1956, 1960-1962
Composite #10	1934
Compound Ester #1	1949-1951, 1953-1955, 1957-1964
Compounds	
#1	1928
13	1946-1949
19	1949-1951
Tech.	1952-1953, 1954
19-40K	1953
19-50K	1953-1955, 1958-1960, 1962, 1964
20	1949, 1951
30	1949-1952, 1956-1958
30a	1949, 1952
30 Special	1958-1964
31	1950
71	1949
74	1949, 1951
121	1950
121a	1950
A-151	1959-1960
207	1938, 1940-1943, 1945, 1946, 1956, 1964
207 Special	1958
208	1935, 1946-1947
218	1948

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Compounds	
1002	1938, 1943-1944
1004	1938, 1941
1007	1938, 1943, 1946-1947
1010	1951-1952, 1963
1051	1939, 1941, 1951-1952, 1957, 1961-1964
1123	1940, 1942-1943, 1945
1159	1939, 1942, 1944, 1948
1186	1951, 1959, 1961-1962
E-2977 (50%)	1947
E-3038 (50%)	1947
A-3531	1954
A-3796	1957
4-3897	1941
A-6293	See 1-Methyl 4-Isobutenyl 3-Tetrahydro Benzaldehyde
A-7828	1956
Comptonia Absolute Resin	1945
Constituent #1	1941, 1944-1946, 1949, 1951, 1954, 1956-1958, 1960, 1963
Constituent #4	1944-1945, 1948-1949, 1951, 1953, 1955-1956, 1960, 1962, 1964
Constituent #15	1941-1942, 1944-1946, 1948, 1950-1951, 1955, 1956
Copaiba Oil	1924
Copper Salt of Compound 30	1952
Corps N-112 Reworked	1960, 1962, 1955

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Coumarin Mfg. Spec.	1924, 1945 1938 1924
Creosol	1943, 1946
m-Cresol	1934-1939, 1941, 1943, 1944
p-Cresol Mixture Dist.	1947-1948
Purified	1951, 1954, 1958-1959, 1960 1964
Cresol Soap Mixture	1938
p-Cresyl Acetate	1928, 1930-1933, 1935, 1936 1942, 1944-1946, 1959-1960 1962-1963
N.P.	1947-1949, 1951, 1953-1957
p-Cresyl Isobutyrate	1941, 1951, 1957-1959, 1961
p-Cresyl Laurate	1956
p-Cresyl Methyl Ether	1928-1930, 1933, 1937-1964 1945, 1946
Extra	1963
m-Cresyl Phenyl Acetate	1932*, 1941, 1947, 1950-1954 1955-1957, 1959, 1962-1963
p-Cresyl Phenyl Acetate	1924*, 1925*, 1927-1930, 1935-1942, 1944, 1946, 1951-1953, 1956-1964, 1965-1966
Extra	1958-1961, 1963
p-Cresyl Phenyl Oxide	1940-1942, 1953

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Cumene	1936, 1938
β -Cumin Ethyl Alcohol	1940
Cuminic Aldehyde	1938, 1940-1964
Condensed Hfg.	1938 1953-1954, 1956-1957
Cuminy Acetaldehyde	1958, 1963
Cutting Oil Stabilizer	1957
Cyclamen Alcohol	1945, 1952, 1957-1959, 1961
Cyclamen Aldehyde Cpd.	1938-1944, 1946-1956
Crude	1941-1942
Extra	1939 1942-1943, 1946, 1948-1953 1955-1964
G.D.	1956-1959, 1961-1963, H.L.S.
N.P.	1953*, 1957-1962, 1964, H.L.S.
Pure	1943-1944
Special	1951-1952, 1954-1964, H.L.S.-14
85%	1956
90-92%	1951
92%	1949-1950, 1952
Cyclohexenylacetone	1952-1955, 1957, 1959-1960 1963-1964
Cyclohexyl Acetic Acid	1949-1951, 1957

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<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>MANUFACTURE</u>
Cyclohexyl Acetone	1952-1957, 1959-1960, 1963-1964	
Butyrate	1944	
Cyclohexanone	1960-1964	
Propanol	1952-1955	
Propionyl Anthranilate	1951	
p-Cymene	1936-1939, 1957	
Cyranthiol	1948	

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<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>MANUFACTURED</u>
D.A.C.E.	1942	
DCDMH	1954	
Dehydro Cyclamen Aldehyde	1947-1964	
Tech.	1953	
Dehydro Lilial	1956, 1958-1964	
Delachlor	1936-1937, 1940, 1948-1949	
Delagene	1936-1937, 1940, 1949, 1951 1956-1964	
Delphenone	1958-1960, 1962	
Deltyl		
Complete	1943	
Cpd.	1955	
Extra	1938-1961	
N.P.	1950-1951, 1954-1959, 1960	
Prime (#2)	1938-1944, 1946, 1951, 1953-1960	
Recovery	1955-1956	
Refined	1940	
Tech.	1943	
Derris Concentrates	1938	
Desoxy Anisoin	1944-1945	
Dibenzyl Amino Ethanol Hydro- chloride	1949-1950	
Dibenzyl Tech.	1928-1929, 1958 1944, 1946, 1953	

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Benzylidene Acetone Redist.	1928-1942, 1945-1947 1935
Benzyl Isoamyl Ether	1938-1945, 1947-1957, 1959-1964
Benzyl Isobutyrate	1940, 1942-1943, 1946, 1962
Benzyl Isoeugenol	1940-1943, 1945-1947, 1949-1950, 1953-1957, 1959-1964
Benzyl Isovalerate	1948, 1951, 1953, 1962-1963 1965
Benzyl Laurate H.D.	1948, 1952 1952-1955, 1962
N-Benzyl-2-Oxazolidone	1956
Benzyl Phenyl Acetate	1941-1942, 1947, 1949, 1952 1955, 1958-1964
Benzyl Propionate	1928, 1932-1933, 1936-1937, 1939-1941, 1944, 1946-1951, 1953-1958, 1960-1964, 1965-17
Benzyl Salicylate H.D. N.P.	1954, 1955 1926*, 1932-1936, 1938-1947 1952-1964
Benzyl Valerinate	1940-1942
Bergamot DST	1962
Bergamot Terp'less.	1931*, 1934, 1936, 1938-1940 1947, 1949-1951, 1953-1955, 1958, 1964
Birch Tar Rectified	1942, 1946-1947, 1951, 1952 1956-1957, 1959-1963

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Bois de Rose	
Acetylated	1940
Formyl. Terp'less.	1941-1942, 1948-1949
Peru Terpeneless	1957
Redist.	1929-1930, 1932, 1957-1958, 1962-1964, 1965
Braz.	1948, 1950-1951, 1953-1956
Residue Purified	1950, 1954
Terpeneless	1932-1942, 1944, 1946-1959
90% Washed	1938
	1928
Bois de Siam #49	1924
Borneol	1933
Crude	1931, 1935-1938
Bulked	1937
Fractions	1953-1954, 1956, 1960-1961, 1964
Large Crystals	1935-1936, 1938, 1940
Pure Large Cryst.	1951
Tech.	1935-1937
Recryst.	1938
Bornyl Acetate	1932-1934
F	1946-1949, 1951, 1955, 1960
Pure	1935-1941, 1943
Tech.	1932, 1935-1937, 1941
Bornyl o-Cresol	1961
Bornyl Formate	1950
Bornyl Isovalerate	1941
p-Bromo Benzophenone	1950, 1953
Bromosolv	1940-1941, 1943
Brom Styrol	1925-1928, 1939-1940

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Benzyl Acetate	1933, 1935-1951, 1953-1964
Hearts (Coeur)	1927-1928
Lights	1930
Mfg.	1924-1927, 1930-1963
Prime	1949, 1964-1966
Purissime	1924-1926, 1930-1935
Benzyl Alcohol	1943-1944
C	1944
Cpd.	1951-1956
E.K.	1952
Ex. Fine	1936-1939, 1941-1949
Ned.	1926, 1944-1946, 1949, 1951
Mfg.	1956
N.F.	1949-1952, 1954, 1955
Perf.	1936-1940, 1944-1956, 1958-1962, 1964
Tech.	1933-1935, 1938-1939, 1949, 1951-1956, 1960-1961
Benzyl Benzoate	1931-1945, 1949
N.P.	1945-1947, 1949-1952
U.S.P.	1959
Benzyl Butyrate	1939-1941, 1943-1944, 1946-1947, 1952-1953, 1959-1960, 1962, 1964-1966
Benzyl Cinnamate	1937, 1939-1943, 1946, 1951-1954, 1956, 1958-1964
M.D.	1954
N.P.	1954
Benzyl Formate	1939-1941, 1943, 1945, 1948, 1953, 1956, 1958, 1960, 1962-1963

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Butanol Diast.Recov.	1936
Butoxy Safrole	1936-1941, 1946-1950, 1953-1957, 1959
Butter Ester	1953, 1956, 1958
tert. Butyl Benzal- dehyde	1945-1946, 1956, 1958-1959, 1961-1964
tert. Butyl Benzene	1945
p-tert. Butyl Benzyl Alcohol	1962
Butyl Benzyl Chloride Crude	1962
Butyl Benzyl Cyanide	1962
n-Butyl Benzyl Ketone	1950-1951
tert. Butyl Chloride	1932-1947
p-tert. Butyl Cinn- amic Aldehyde	1960, 1962-1963
Butyl Ether	1924-1925, 1927, 1929
Butyl Ketone	1932-1964
Butyl Levulinate	1954, 1956, 1958-1960
Butyl Phenate	1928-1933
Butyl Phenylacetate	1942, 1949, 1954
Butyl Safrole	1933

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PRODUCT

YEARS IN WHICH MANUFACTURED

p-tert. Butyl
Toluene

1961-1964, 1965

Butyl Xylene

1932-1964, 1965-1966

Butyrin

1944

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Chlorbutanol Anhydrous	1935-1944, 1946-1953, 1955
Ground Hydrate	1938 1935-1944
Chlorestone Anhydrous	1931-1934
Hydrate	1930-1932, 1934
p-Chlor m-Cresol Tech.	1935, 1938 1935
p-Chlor Phenol	1938, 1946, 1947
p-Chlor m-Xylenol	1935-1936, 1938
p-Chlor Xylenol Sodium Salt	1938
Chromite Catalyst	1944-1945, 1948-1952, 1954, 1958
Cidan #1 #2	1939-1941 1939
Cinnamein C	1939
Cinnamic Acid Crude	1924, 1928-1932
Pure	1926, 1932, 1935-1937, 1940, 1945, 1952
Styrax Tech.	1952-1958 1932-1935, 1946-1947, 1954
Cinnamic Alcohol Liquid	1925, 1927-1930, 1932-1933 1929-1930
Mfg. Prime	1929 1941-1956, 1957-1964
Pure	1941-1945, 1947, 1949-1964
fr. Styrax	1933-1940, 1948, 1950-1957, 1959
Synth.	1932, 1939-1947

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Cetone alpha	1943-1946, 1951, 1953
D	1924*, 1925*
N.P.	1954*
V	1950, 1952, 1954-1959, 1961-1964
Cetyl Alcohol	1933-1934
Comm.	1934-1940, 1943-1944, 1949
Extra NF - Cubes	1958-1964
Extra NF - Slabs	1959-1960, 1962, 1964, 1965
G.D.	1942, 1944, 1946
H	1939
Japan	1935-1937
Prime	1949-1950
Pure	1935-1955
D	1947-1948
N.P.	1949
Spec.	1936
Recryst.	1937
Spec.	1949
Chemical	
E-324	1963-1964
B-1066	1960
B-1077	1960
C-1113	1960
B-1135	1960
B-1049	1964
A-3564	See Acetate P.A.
B-3804	1964
B-3874	1966
S-1965	1961-1964
A-6293	See N-Pelargonyl Piperide
A-10938	1956
A-11974	1961
A-14816	1957-1958
	See Verdyl Acetate

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Calcium Malonate	1944, 1946, 1949-1951, 1953-1964
Camphor Oil 1.072 K.H.	1939 1936
Camphor By-Product Green R.O.S. Redist.	1924-1934 1946 1924-1936, 1938 1931-1934
Camphor Sassafrassy Redist.	1952, 1955, 1956-1963, 1965
Cananga Oil Rect.	1941-1942, 1944, 1946
Capronic Absolute	1956, 1958
Capronic Ether Light	1956, 1958, 1962
Caprylene	1948, 1960, 1962-1964, 1965
Caprylic Acid Redist.	1957-1958, 1961, 1964, 1965-1966
Capsicum Oleoresin A-4961-2	1953, 1955, 1956-1958, 1960
Carvacrol Crude N.P. Prime	1935 1940-1944, 1947, 1949 1958-1964
Redist. Tech. N.P.	1935 1935-1938 1939, 1950-1956, 1961-1964, 1965-1966
Bis	1939
1-Carvone from Limonene	1953*
Caryophyllene	1924, 1947-1951, 1953-1964, 1965-1966
Chemical Laboratory	

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Castoreum Absolute Resin	1926*, 1932*, 1933, 1935, 1937-1938, 1940-1942, 1944-1947, 1949-1950, 1954, 1956-1958, 1960, 1962-1963
Castoreum Liquid	1929*
Castoreum Sol. Resin	1924, 1926, 1942
Cedar Ketone	1955, 1956, 1962, 1965
Cedarwood Oil 3-5	1930
Cedarwood Oil	
Dela. Rect.	1946, 1925, 1941-1942, 1944-1951, 1953, 1955-1956, 1958
Texas Rect.	1961, 1964, 1965
Cedrenol Fractions	1955
Cedrenol G.D.	1960-1962
Cedrol Brut	1943-1945, 1947, 1958, 1963-1964
Fractions	1946-1947, 1953-1960
Crystals	1946, 1964
Prime	1960-1964
Cedrone	1924, 1927*
#30	1926*
Ceylon	1926, 1939
J 30	1927*, 1928, 1930-1934, 1938-1939
Cedryl Acetate Brut	1942, 1944, 1946-1947, 1950-1951, 1953-1964
Dist.	1942, 1944-1964

<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Dibenzyl Ether	1936-1939, 1956
Comm.	1940-1941
Dist.	1939
Redist.	1941, 1944, 1952, 1954, 1956-1957, 1959-1960, 1962
Dibenzyl Ketone	1936-1937, 1942-1943, 1953-1964
Pure	1949
Dibenzylidene Acetone	1936, 1946
Dibutyl Ambrol	1947-1949, 1963
Dichlorheptane Dist.	1942-1944, 1946-1947, 1949 1952-1953
Dichlorooctane Dist.	1953
2,4-Dichlorophenol	1952
Diethyl Phthalate	1935-1939, 1941-1942
Dihydroanethole	1960-1964
Dihydro Citronellol	1939, 1946, 1950-1951, 195 1954-1957, 1959-1964, 1965-71
Dihydro Coumarin	1953*, 1954, 1957-1962, 19 1965
Extra	1953*
Dihydropseudoionone	1961-1964
Dihydro Safrole Pure	1958-1959
Dihydro Terpeneol	1953*
Crude	1953*, 1958-1964

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Dihydro Terpinyl Acetate	1953*
Crude	1953*
Propionate	1953*
Crude	1953*
3,4-Dihydroxy Acetophenone	1952
Diisopropyl Ketone	1953
Dimethyl Acetophenone	1938, 1940-1944, 1947, 1954, 1956, 1960-1962
Anthranilate	1938, 1940-1941, 1944-1945, 1947-1964
Tech.	1947
Benzyl Acetate A-11757	1957
Benzyl Carbinol	1960, 1962-1964
Benzyl Carbonyl Acetate	1958-1964
2,5-Dimethyl Hexane 2-5 Diol	1954
Dimethyl Octanol EC	See Dihydro Citronellol
Dimethyloctanyl Myristate	1956
Dimethyl Phthalate	1930
2,4-Dinitro-5-Methyl Phenol	1956*

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Diox	1960-1962
Dioxin	1962-1964
Dipentine Fracts.	1939-1942, 1946-1947
Dipentine T A	1945-1947
Diphenyl	1924*
Diphenylamine Purif.	1957, 1959, 1961-1964, 1965
Diphenylmethane	1948-1953
Diphenyl Oxide	1924-1942, 1952
Ditolyl Methane	1939
Dowicide #2 Redist.	1942, 1945
Durabol	1924-1926, 1928-1929

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Elenol	1939
Elenol A B	1930 1930
Elgene	1934-1955, 1957-1964
Esterpene	1924, 1926-1929
Estragole N.P.	1957, 1959, 1961-1964
Ethone	1924*, 1926*, 1927*, 1928, 1929*, 1930, 1932, 1934, 1936-1938, 1942-1944, 1946, 1953-1957, 1960, 1964
p-Ethoxy Benzaldehyde	1964
Ethyl Amyl Ketone	1941-1942, 1951, 1955, 1956, 1957, 1961, 1963-1964
Ethyl Anisate	1940-1943, 1947-1948, 1954- 1955, 1957
Ethyl Anthranilate	1929*
Ethyl Benzoate	1929-1930, 1936, 1938-1941, 1943, 1947, 1950, 1952, 1954-1955, 1958
2-Ethylbutyric Acid	1954*
Ethyl Cinnamate	1924-1926, 1929, 1934, 1937, 1940, 1943, 1947, 1950, 1954, 1960-1964
Ethyl Citrate	1924*, 1927
Ethyl Lactate	1924*
Ethyl Laurate	1935, 1940, 1952, 1956, 1959, 1962-1963

<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>MANUFACTURED</u>
Ethyl Levulinate	1953, 1956-1957, 1959, 1961-1963	
Ethyl Malate	1924*	
Ethyl p-Methoxy Cinnamate	see Giv-Tan	
Ethyl Monochlor Acetate	1931-1950, 1952-1957	
Ethyl Myristate	1924*, 1934*, 1953*, 1954, 1957, 1961	
Ethyl Nonoate	1939	
Ethyl Oenanthylate	1931-1935, 1937-1938	
Ethyl Pelargonate	1941, 1944, 1947-1949, 1953-1954, 1959, 1962, 196	
p-Ethyl Phenol	1944, 1946, 1948-1949, 1954-1955, 1956, 1957	
Ethyl Phenyl Acetate	1928, 1929-1932, 1934-193 1945, 1947, 1949, 1952-195 1956-1957, 1962, 1964, 1965-1	
Prime	1949	
Ethyl Phenyl Glycidate	1959-1964	
Ethyl Propionate Tech.	1946 1946	
Ethyl Propionate Tech.	1946 1944	
Ethyl Salicylate	1941, 1946	

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Ethyl Spermylate	1937
Ethyl Stearate	1953
Ethyl Succinate	1926*, 1927*
Ethyl Tartrate	1924*
Ethyl Undecylenate Reworked	1939, 1943, 1952
Ethyl Vanillin	1937-1938, 1946
Eugenol Acetate	1924-1926 1938-1939, 1956-1958, 1962-1964
Bay	1941-1944, 1953, 1955-1956 1958, 1961-1962
Terp. Refined C-95	1942, 1946 1938, 1940-1950, 1952-1964
Mfg. Extra	1952 1925-1928, 1930-1934, 1936-1950, 1956
C USP	1943, 1947, 1949-1950 1952-1955, 1957-1964, 1965
Mfg. Prime (S) Mfg. USP	1925, 1945, 1947-1949 1939-1950, 1956 1945 1951, 1953, 1955, 1958, 1960-1964
Spec. Tech. Terpenes	1953 1934
Hydrogenated Dist.	1944 1944
U.S.P. Leaf X	1927-1928, 1930-1941 1938-1941 1937

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
G-4	
ATR Resin	1945-1947
Brominated	1955
Crude	1939
Pure	1939-1964, 1955-1966
Tech.	1939-1953, 1955-1964, 1965-1966
D	1954, 1965
Fine Grind	1949-1956, 1958-1964, 1965
GD	1955-1956
S	1955, 1960
G-4-40 Pure	1942
Technical	1950-1964, 1965-1966
G-4-50	1939-1941
G-5	1945, 1950, 1956, 1963, 1964
Crude	1951
Tech.	1951
G-11	
Crude Powder	1944-1945
Fine Grind	1957-1963, 1965
N.P.	1948-1964, 1965-1966
N.W. Ref.	1940
10%	1940
Tech.	1940
Pure	1939-1943, 1945-1948, 1950, 1952
Sodium Salt	1940-1943, 1956
Special	1949
Technical	1939-1941, 1943-1945
Unground	1952
Tech. in 50% Sol.	
in M.E.K.	1939
G-15	1961

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Galbanum Absolute Resin	1929, 1934, 1940-1943, 1945, 1961-1962, 1965
Galbanum Soluble Resin	1924
Gardenol (Phenyl Methyl Carbinyl Acetate)	1946, 1949-1951, 1953-1954, 1956-1964, 1965, 1966
Geedan Crystals Dark Redist.	1935 1936 1936
Gerallol Acetate Crude Crude Bis Extra	1926, 1928-1932, 1936-1938 1954* 1939, 1952 1939-1940 1926, 1930-1931, 1939-1941 1947-1954, 1955, 1957, 1959-1964, 1966
H.C.	1954, 1958, 1961-1962, 1966
by Hydrogen Mfg. Prime	1932 1926 1928, 1954, 1957, 1961, 1963-1964, 1966
Special Technical	1930 1939, 1941-1942, 1944
Gerallyl Acetate	1926
Geraniol AC Spec. #2332 C Extra Spec.	1925 1924 1925 1949-1950 1925 1927 1928

Geraniols continued on next page.

<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Geraniol	1924
from Geranthol	1931, 1934, 1936-1937, 1941
L	1943-1945
L Prime	1946-1951, 1953-1964, 1965-19
P.R. 3-4	
Prime	1927-1933, 1935-1942, 1945-1948
G	1933-1934
M	1950
Pure	1925-1933, 1935-1942, 1944-1949
Mfg.	1939-1942, 1944-1945
G	1933-1934
M	1942, 1948-1964, 1965-1966
#2332	1951-1953
Mfg.	1942, 1952-1953
N	1951
#2332	1951
for Soap	1925-1945, 1947-1949, 1956
	1958-1964, 1965-1966
M for Soap	1948-1951, 1953-1955
for Rose Base	1946-1947
Special	1929-1942
G	1933
Standard	1933, 1955, 1956-1964, 1965-19
Geraniol B-7865	1962
Geraniol Pure	
Residue S.D.	1941-1952, 1957, 1959, 196
Geraniol Residue	
B-2 S.D.	1941
Geraniol Washed	
Residue	1952
Terpenes	1955, 1957-1959
Geraniol Acetate	
Prime	1938

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Geranium Oil	1942
Geranium Algerian Rectif.	1963, 1966
Geranium Bourbon Rectified	1964
Terpenes Redist.	1941 1931
Geranolene Acetate Prime M Crude	1954-1955, 1957, 1959-1960
Geranolene Double Dist.	1934, 1939, 1941
Geranolene Acetate Cpd. Hearts Rose Base Prime	1935, 1939 1942 1945 1946 1940-1945, 1949, 1951-1952 1957, 1959-1960, 1962-1964
L M Crude	1945-1947 1951-1953, 1960
Geranyl Acetate A-1 Tech. Brut	1924-1927, 1931, 1933-1950 1946 1924-1926, 1928-1929, 1931 1933, 1935, 1938, 1940-194 1945-1946, 1949
Cpd. Prime M Crude Pure	1942 1951 1951-1960, 1963-1964, 1965-19
Geranyl Benzoate	1940-1941, 1943, 1948, 1590-1951, 1953-1954, 1957-1964, 1965-1966
Geranyl Butyrate	1934-1936, 1939-1940, 1946 1948, 1950, 1954-1964, 1965-1

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURE</u>
Geranyl Caproate	1957, 1959
Geranyl Caprylate	1957
Geranyl Formate	1938-1939, 1941-1943, 1946-1948, 1950, 1952-1957 1959, 1961, 1963-1964, 1965 Mfg.
Geranyl Phenyl Acetate	1924*, 1930*, 1939, 1942, 1950-1952, 1955, 1956, 195 1960-1964, 1965-1966
MD	1955
Geranyl Propionate	1940-1942, 1949, 1951, 1957-1958, 1960-1962
Germizone	1959, 1961-1964, 1965-1966
Ginger Oleoresin	1924-1925, 1927
Ginger Absolute Resin	1929
Giv-Tan	1952-1955, 1957-1958
Distilled	1958-1960
A	1957-1960
B	1957-1958
F	1958-1964, 1965-1966
Gramine Commercial	1961-1962
Guaiacol Phenyl Acetate	1955, 1961 Mfg. 1966

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PRODUCT

YEARS IN WHICH

MANUFACTURED

Guaiacwood Acetate
Extra

1958-1959, 1962, 1963-1966

Special

1963

Guaiol Acetate

1957

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<u>PRODUCT</u>	<u>YEARS IN WHICH</u>	<u>MANUFACTURED</u>
P T	1944	
Penchyl Anthranilate	1937	
Penchyl Salicylate	1939-1941	
Fir Balsam		
Absolute Resin	1957-1959, 1964, 1966	
Anhydrol	1958-1964, 1965-1966	
Canada Oleoresin	1948-1949, 1955	
Oregon	1943	
Follione	1942-1950, 1952, 1955	
1-Fluoro-3-Methyl- 4,6-Dinitroben- zene (FMDB)	1957	
Fuel Oil Mixture	1943-1945	
Furfural Distilled	1949	
Furfuryl Acetate	1941, 1945, 1947, 1959, 1966	
Fund Oil Refining	1966	

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PRODUCT

YEARS IN WHICH MANUFACTURED

Hexaldehyde	1957, 1959, 1961-1962, 1964 1965-1966
2-Hexenal	1960, 1964, 1965-1966
Hexethamine HLR	1954-1958
n-Hexyl Benzoate	1953
Hexyl Cinnamic Aldehyde	1960-1962, 1964, 1965
N-Hexyl Salicylate	1964
Ho Oil Rect. Hydrogenated	1934 1937
Hydratropic Alcohol	1955
Hydratropic Aldehyde	1940-1941, 1945, 1947, 1952, 1956-1964, 1965-1966
Dimethyl Acetal	1957-1964, 1965
N.P. W	1952-1954 1956
Hydrolaurine #2	1939
Hydrolene	1937-1942, 1944-1946, 1950-1953, 1955, 1957-1964, 1965-1966
HO	1936, 1938-1940, 1946, 1953, 1955, 1957-1960, 1964, 1965-1966
RL Extra	1941-1945, 1947 1956-1964, 1965-1966
Hydrolene Extra Lights Deterpen.	1942, 1947, 1951

PRODUCT

YEARS IN WHICH MANUFACTURED

p-Hydroxybenzylidene
Acetone

1960-1961

Hydroxycitronellal
Radist.

1937

Hydroxycitronellal
Dimethyl Acetal

1936, 1939-1944, 1946, 1947,
1950, 1952-1953, 1955-1956
1957-1964, 1965-1966

Hydroxycitronellol

1939-1941, 1950, 1954-1956

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PRODUCTYEARS IN WHICH MANUFACTURED**Irisone**

Crude Alpha VD
Hearts
Ketone

1942
1951, 1954
1935-1936, 1939, 1941,
1945-1946

Mfg.

1926

N.P.

1947

PH

1925

P&G Soap

1933-1934

Pure

1925-1964, 1965-1966

P&G

1932-1934

S.D.

1925-1926

Spec.

1925, 1935, 1946, 1953

Savon

1947-1948, 1953

Irisone Residue
Purified

1938, 1945, 1948-1949, 195
1953-1955

S.D.

1941

V.D.

1941

Terpenes

Deterpenated

1942, 1944, 1947

Iso Amyl Ether

1949, 1952, 1957-1964, 1965

Iso Amyl Salicylate

1939

Isoamyl Undecylate

1966

Isobornyl Acetate

1952-1964, 1965-1966

Isobutyl p-Amino
Benzoate

1938

Isobutyl Benzoate

1926-1927, 1933-1934, 1936
1939, 1947, 1950-1951, 195
1957, 1959, 1962-1964

Isobutyl Benzoate

1966

Isobutyl Caproate

1953-1954

Isobutyl Cinnamate

1939, 1941, 1947, 1949

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Isobutyl Cyclohexyl Acetate Crude	1949
Isobutyl Phenyl Acetate	1925*, 1926-1959, 1962-1966 1965-1966
Isobutyl Salicylate	1929*, 1933, 1937, 1939-1943-1945, 1949-1950, 1952-1960, 1962-1964, 1965-1966
Isobutyl Undecylenate	1947-1963, 1965-1966
Isobutyryl Chloride	1957
Isocyclocitral LG	1965-1966
Isoeugenol	1925, 1952-1964, 1965-1966
Acetate	1960, 1962, 1964
Bay	1947-1948, 1950-1951, 1953, 1956, 1958, 1964, 1966
Cosur Extra	1953, 1926, 1928-1964, 1965-1966
C	1943, 1948-1952
Cpd.	1945
Mfg.	1939, 1965
Spec.	1950
Mfg.	1953, 1955
Isoeugenol Phenyl Acetate	1941, 1945, 1961-1963
Isolilal	1962-1963
Isolinalyl Acetate	1955
Isoloral	1959, 1966
Isomenthol C-20	1950

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Isomenthone P (Menthone P INV)	1954, 1957, 1959-1960, 1961 ¹⁹⁶⁶
Isomenthone Pure	1961-1964, 1965-1966
p-Isopropyl Acetophenone	1952
Alcohol Purif.	1952
Chloride	1934-1943
o-Cresol Crude Dist.	1941
Oenanthyate	1937
Palmitate Dist.	1951-1959
Phenol	1942, 1966
Phenylethyl Alc.	1953
Undecylenate	1959
p-Isopropyl Phenol	1957
Isopulegol Acetate	1925-1926, 1933-1934, 1938, 1941-1942, 1951, 1961 ¹⁹⁶⁶
Fractions	1957-1964, 1965-1966
from Citronellal L M	1940 1943-1944, 1947 1942-1943, 1948-1950, 1952 1954, 1957-1959, 1961-1962 ¹⁹⁶⁶
Extra H.P. Extra Tech.	1950-1951, 1955-1956 1590 1950 1951-1953, 1955

Isopulegol continued on next page.

PRODUCT

YEARS IN WHICH MANUFACTURED

Isopulegol
Purified

1935-1943, 1946-1952, 1954
1956-1964, 1965-1966

Redist.

1955, 1958

Tech.

1937-1939, 1941-1943,
1948-1950, 1954, 1956-1961
1965-1966

Isosafrole

1925, 1935-1951, 1953-1964
1965-1966

D
Dist.

1956
1945, 1950, 1953, 1956,
1958, 1960-1964, 1966

Redist.
Special

1950
1956

Isothymol

1954, 1956-1957, 1962

Isovaleric
Aldehyde

1946, 1959, 1963

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Heliotropin 34	1924-1928 1957, 1959-1960
Bisulfite	1937-1939, 1943, 1951
Extra	1963
CA	1936-1937
Cryst.	1948-1951, 1953-1964, 1965
Dist.	1953-1955, 1957-1964, 1965
Mfg.	1932
Recryst.	1925-1964, 1965-1966
Fine Crystals	1960-1963
Soap Grade B	1955
Special	1924
Vacuum Dist.	1936-1937, 1945
Heptaldehyde Pure	1931, 1932-1933, 1950 1939-1943
Heptine	1942-1947, 1949, 1952-1953
Heptyl Alcohol	1937, 1943
Heptyl Isobutyrate	1938, 1956
o-n-Heptyl Phenol	1953, 1955-1957
Hexolyn Oil Dist.	1935-1936
Hexadecane Crude	1954
Hexahydro Pseudo- ionol Crude	1953
Hexahydro Pseudo- ionol	1955
Hexahydro Pseudo- ionone	1941-1945, 1953, 1955

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Iceland Moss	
Absolute Resin	1924, 1928
Indole	
N.P.	1947-1957
Dist.	1941-1942, 1946
Pure	1940-1947, 1958-1964, 1965-1
Tech.	1946-1964, 1965-1966
Dist.	1946
Indole Carboxylic Acid	1942-1944
β -Ionone Pure	1945
Iris Aldehyde Pure	1958, 1963-1964, 1965-1966
Irisone	
Alpha	1935-1948
Extra	1948, 1952, 1955-1956
Copar	1953
White	1957, 1960-1963, 1966
N.P.	1948-1957, 1959-1964, 1965-19
Beta	1935-1936, 1941-1942, 1945-1949, 1952, 1955-1957, 1962
Pure	1946-1949, 1953-1954
V.P.	1948-1949, 1952-1953
Bis	1935-1964, 1966
Spec.	1946
Brut	1925, 1927
CCR	1931
Coeur	1936-1940, 1942, 1944-1946, 1948, 1958, 1964
Bis	1935
Complete	1944-1945

Irisone continued on next page.

PRODUCT

YEARS IN WHICH MANUFACTURED

Jasmin Absolute

1943, 1945-1946

Jasmonyl

1949, 1955-1964, 1965-1966

O.C.A.

1958-1960, 1962-1964, 1965

Junox

(Cedarwood Oil
Oxidized)

1942, 1944-1953, 1955-1964
1965-1966

Junox M.D.

1956

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PRODUCT

Ketonaroma

Powdered

1.

YEARS IN WHICH MANUFACTURE

1956-1957, 1962

1957, 1959, 1963-1964, 1965-

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Lavender Spike Acetylated	1940, 1944, 1947-1948, 1951
" Terpeneless	1941-1942, 1945-1947
Terpeneless	1941, 1944-1945, 1951, 1954-1956, 1958, 1961-1962 1964, 1965-1966
Lavender Terpeneless YC	1958
Lemon Oil Concentrate	1932-1936, 1938-1943, 1955
#7 Calif. Dewaxed F-4467	1963 1941-1943 1936-1937, 1943 1962-1964, 1965-1966
Lemon Oil 5 Fold Calif.	1950, 1952-1954, 1957-1958 1960, 1962, 1964, 1965-1966
Type II	1955, 1961
Lemon Oil Special Terpeneless Special	1932 1930*, 1939 1938
Lemon Flavoring Extract	1939
Lemongrass Oil Redist.	1925-1926, 1931, 1934, 1938-1941, 1943, 1945-1950 1953, 1955-1956, 1964, 1965 -
S.D. Terpenes SD	1954 1948
Lilac #7 Reworked	1942-1943

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PRODUCT

YEARS IN WHICH MANUFACTURE

Lilial

1947, 1956, 1958-1964, 1965

Extra
Mfg.
Prime
Pure

1956
1947
1959
1947-1948

Lilol

Extra GD

1934-1935, 1937, 1955
1958, 1962, 1964, 1966

Lime Oil

5 Fold
Type II

1948, 1950, 1954
1951, 1955, 1957-1958, 196

Washed

1957-1958, 1961

Linalool

Braz.

1924-1944, 1946-1951,
1953-1959, 1960

Coper
D

1953
1962-1964, 1965-1966

Ceyenne

Extra(Purissime)

1934
1932-1934, 1939-1943, 1945
1948-1950, 1957, 1960, 196

B.R.
Oyapock
Braz.

1934
1937-1938
1951, 1953-1957, 1959,
1963-1964

D
Fem.

1961
1951

Linalool P

1942-1945, 1953, 1957-1958

Linalool S Extra

1943, 1945

Linalool W for
Acetylation

1945

Linalool. T. H. F. C. 1945
" " Prime 1945

PRODUCT	YEARS IN WHICH MANUFACTURE
---------	----------------------------

Linalyl Acetate Braz. 1929	
----------------------------	--

70%	1941, 1943
75%	1931-1946, 1949-1959
Spec.	1953
87%	1941, 1944-1955, 1957, 195
90%	1948
90-92%	1951-1952
92%	1931-1964
95%	1931, 1946
97%	1937-1942, 1950-1954, 1956
98% Extra	1957, 1959
99%	1948
	1942

Linalyl Acetate	
-----------------	--

BE 92%	1934-1937
Extra	1936-1937
E 70%	1941
85%	1941, 1947
90%	1947
95%	1941
H	1941, 1952
70%	1942
Tech.	1937
75%	1935-1938, 1941
Tech.	1934
90%	1940-1942
92%	1934-1935, 1937-1939
94%	1937-1938, 1941
97%	1936-1939
Japan	1937
L 85%	1947
92%	1947
96-97%	1958, 1963, 1965-1966

Linalyl Acetate from Lavandin	1954*
----------------------------------	-------

Linalyl Acetate continued on next page.

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PRODUCT

YEARS IN WHICH MANUFACTURED

Linalyl Acetate

p 75%

90%

Extra

90%

92%

95%

97%

Peru

S 92%

TAC

95%

Subst.

W Extra 92%

Subst.

Linalyl Acetate

Prime

Terpenes

Linalyl Benzoate

Linalyl Butyrate

Linalyl Formate

Linalyl Isobutyrate

Linalyl Propionate

1942

1941-1942

1952-1953

1943

1942, 1944-1945

1942, 1944

1942

1953

1942-1945

1951, 1955, 1958-1959, 1966

1941, 1944, 1947

1951

1946

1945

1932

1941

1943, 1951-1954, 1960

1940-1944, 1946, 1950, 195

1961-1964, 1945-1966

1939-1942, 1948, 1953-1956

1959-1962, 1964

1939-1942, 1944, 1950, 195

1955-1956, 1957, 1959-1960

1945-1966

1940-1943, 1948, 1950,

1953-1956, 1958, 1960,

1962-1964, 1965-1966

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Malonic Acid	1945
Mandarin Conc. #7 Terpeneless	1963 1935-1938, 1941, 1950, 1952-1953, 1958, 1960, 1963-1964, 1966
Maraniol	1942, 1948-1949, 1964
Mate Absolute Resin	1949-1950, 1953-1954, 1958-1959, 1961-1962, 1965, 1966
Melonal	1943-1945, 1949, 1951, 1954-1961, 1964-1964, 1965, 1966
Menthanyl Acetate	1955, 1957-1964, 1965-1966
l-p-Menthene	1959, 1965
Menthol 20	1948-1952, 1954-1955, 1957-1964, 1965-1966
Menthol 30 Menthol M 30	1944-1963 1960
Menthol 30 Iso Fractions Neo Fractions	1956 1956
Menthol C Purified C-20 CF CX Crude L Crude Racemic T Crude	1942-1944, 1948-1952 1951 1949-1950 1949 1944-1946 1939, 1942-1943, 1948-1952, 1954 1943-1944, 1947 1942 1942-1946, 1949-1964, 1965-1966
Menthol Mixed Crystals	1942-1943

Menthol 30 continued on next page

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<u>PRODUCT</u>	<u>YEARS IN WHI</u>	<u>MANUFACTUR</u>
Menthol Crystals USP Recov.	1942-1944 1944	
dl-Menthol USP Extra USP	1944-1950 1951-1964, 1965-1966 1949-1950 1952	
l-Menthol USP Crude	1945, 1948-1950 1951 1942	
Menthol Liquid	1960	
Menthone	1941-1942, 1948, 1950, 1956	
C dl Pure P (INV) Prime	1949 1955-1956 1956 See Isomenthone P 1961	
Racemic Pure T	1961-1964, 1965-1966 1955	
Menthyl Acetate N.F. Spec. T	1954-1955, 1957, 1959-1961 1962-1964, 1965-1966 1957-1962 1938, 1941, 1944, 1948 1952	
Menthyl Anthranilate Tech.	1935-1944, 1946-1949, 1952 1947	
Menthyl Benzoate Crude	1942-1943	
l-Menthyl Benzoate	1942-1943, 1948	

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
r-Menthyl Benzoate	1942-1943, 1948
Menthyl Salicylate	1935-1937
Methanol Purified	1951
2-Methoxy Diphenyl #3 Fr. 3-9	1953*
p-Methoxy Phenyl Acetic Acid	1954*
Methyl Acetate	1925*
Methyl Acetophenone	1925*, 1926-1927, 1929-1934, 1936-1937, 1942-1943, 1945, 1947, 1949, 1952-1956
Methyl Amyl Undecylenate	1962
Methyl Anisate	1941, 1946-1947
Methyl Anthranilate Extra	1960 1941-1951, 1955-1964, 1965
Tech.	1945, 1949
Methyl Anthranilic Acid	1947, 1957-1964, 1965-1966
m-Methyl Benzaldehyde	See m-Tolyl Aldehyde
p-Methyl Benzaldehyde	1940-1943, 1946, 1951, 1955, 1957, 1959, 1961-1965
Methyl Benzoate	1929*, 1932, 1934, 1936-1949
Extra	1949
H	1942-1944, 1948-1949
Spec.	1941-1942

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Methyl Carbitol Reworked	1960 1943-1944, 1947, 1950-1951
Methyl Cinnamate	1924, 1926, 1928-1942, 1945-1947, 1951, 1953-1954 1958
Cpd. Mfg.	1945 1930
α -Methyl Cinnamic Aldehyde	1948, 1956, 1958-1964, 1965
Methyl Coumarin	1925, 1933-1946, 1950-1951 1955-1964, 1965-1966
6-Methyl 3,4- Dihydrocoumarin	1959-1960, 1961
Methyl Diphenyl Ether	1953-1964, 1965-1966
Extra	1962
2-Methyl 5-Ethyl- nonan-1-al	1956*, 1957-1958
Methyl Eugenol	1939-1960, 1962-1964, 1965-
Mfg.	1947
Methyl Heptenone Crude N.P.	1933 1960-1962, 1964, 1965
Pure	1934-1938, 1942, 1944, 1945
Frac.	1939
Spec.	1933
Synth.	1947, 1949, 1951, 1954-1956 1957-1959, 1960
Tech.	1947

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Methyl Hexyl Ketone	1941-1942, 1953*
p-Methyl Hydratropic Aldehyde	1941-1942, 1951-1953, 1954 1956-1964, 1965-1966
Methyl Hydroquinone Tech.	1940 1939
α-Methyl Ionone D	1949
Methyl Isoeugenol	1939-1947, 1951, 1953, 1954 1956-1964, 1965-1966
1-Methyl 4-Iso Hex- enyl Δ ³ -Tetrahydro- benzaldehyde	1954*
Methyl Laurate Tech.	1947
Methyl Methoxy Acetate	1944
Methyl o-Methoxy Benzoate	1953, 1959, 1965-1966
Methyl 3-Methyl- 2-Octenoate	1954*
Methyl Myristate	1950
Methyl Nonyl Dioxolane Carbamate	1956-1957 1959-1960
Methyl Nonyl Ketone from Rue Oil Redist.	1955 1953, 1955 1958, 1960-1964, 1965-1966
Methyl Octine Carbonate	1956

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Methyl Phenoxyacetate	1957
Methyl Phenyl Acetaldehyde	1931
Methyl Phenyl Acetate	1924-1934, 1936-1950, 1954-1956, 1958-1963, 1965-1966
Mfg. Prime	1929 1948-1952
p-Methyl Phenyl Methyl Carbinol	1953-1955, 1957, 1959-1961 1965-1966
p-Methyl Phenyl Propyl Aldehyde	1957
Methyl Phenyl Propionate	1941, 1955-1956, 1965
Methyl α-normal Propyl Cinnamate	1950-1952
2-Methyl Pyrrolidine	1957
Methyl Ricinoleate	1932-1933
Methyl Styrene Oxide	1952-1953
Methyl Undecylenate	1940-1952, 1954-1956
Methyl Vetivenate	1942
Miscible Oil #2 Ethyl Ether	1931*, 1932*
Moskene Fine Cryst. Special	1934-1961, 1965-1966 1954-1957 1960

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Moussol	See Terenol
Musk 1233 (Versalide)	1954
Distilled	1954
Musk Ambrette	1925-1964, 1965-1966
Fine Cryst.	1934
Powder	1932
Residue Pwd.	1934
Tech	1965
homo Musk Ambrette	1951
Musk Carbinol	1946-1948
Crude	1945
Musk Ketone	1925-1933, 1935-1964, 1965-1966
Powder	1932
Musk Tibetene	1936-1937, 1940-1941, 1945-1946, 1948, 1951, 1955-1964, 1965-1966
Musk Xylol	1925-1929, 1951-1956, 1957-1964, 1965-1966
Crude	1940, 1943-1944
Powder	1953, 1956
Residue Solvent	1950
Free	1927-1950
Spec.	1934
Powder	1948, 1950
Tech.	
Musk Zibata	1943-1948, 1954, 1955
Myral OD	1962-1963
Myrcene	1964
Redist.	1963

877240731A

<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Myristic Acid	1935-1936, 1938
Purified	1938
Myristyl Alcohol	1937-1949, 1964
Redist.	1937, 1941, 1945, 1952, 1955
Special	1955-1957, 1962-1964, 1966
Myrrh	
Absolute Resin	1928, 1931, 1933-1942, 1944-1948, 1950, 1953, 1959-1960, 1962-1964, 1966
Soluble Resin	1924, 1926*

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Labdanum	
Absolute Resin	1927, 1929, 1932-1947, 1949-1964, 1965-1966
Oil 137-A	1956
Soluble Resin	1925-1926
Lactol Spirits Purified	1939
Lauric Acid Dist.	1938-1939
Lauric Myristic Acid Purified	1946
Laurine (Pure)	1933-1964, 1965-1966
BB	1950-1953, 1955
Compolet	1939-1941, 1944
Cpd.	1942, 1952
Extra	1948-1964, 1965-1966
Copar	1953
G	1953
Hearts	1934-1937, 1940-1944, 1946 1950
L	1944-1946
Hearts	1944-1946
Res. M.D.	1953*, 1954, 1956
1-2-3	1953*
Res. Purified	1951-1953, 1955, 1957-1961 1965-1966
Terpenes Deter- penated	1941-1942
Lavandin Acetylated	
Terpeneless	1948, 1952-1954, 1958, 1962-1964, 1965
Lavanthol	1924-1926

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Chemical NDA	1949
Neantine	1925-1931, 1934-1942, 1945-1951, 1953
α -Naphthol Methyl Ether	1943
Naphtholite Purified	1939
Neofolione	1939-1945, 1951, 1953-1956 1963-1964
Nerol Prime	1962-1963, 1965
Nerolin	1952, 1954-1964, 1965-1966
Nerone	1958-1960, 1965-1966
Neryl Acetate Prime	1940-1941 1965-1966
New Base #3 WC	1937 1935-1939
Nobricol	1958, 1960-1964, 1965-1966
Nonoic Acid	1939-1951, 1953-1962, 1965 1966
Nonylenic Acid	1939-1945
Nonylic Acid	1932-1933
Nopol Acetate	1953, 1955
Nutmeg Oil	1935-1942, 1944-1946
Nutmeg Butter Crude Solvent Free	1924 1935 1950
Nutmeg Oleoresin	1935

PRODUCTYEARS IN WHICH MANUFACTURED

Oakmoss Absolute
Resin

1927-1928, 1930, 1932-1937,
1939-1952, 1955-1964, 1965 -
1966

Crystals

1957

Green
Oakmoss Concrete
Oakmoss Liq. Conc.

1937, 1949
1963
1927

Oakmoss Soluble
Resin

1924, 1926, 1932

Octalactone

1954-1955, 1957, 1960-1961,
1963-1964

3. Octenal
N-Octanoyl Ethanol-
amine

1965 - 1966

1955

Octine

1953

Octyl Butyrate

1953-1954, 1957, 1961-1962

Octyl Isobutyrate

1942, 1951, 1954

p-tert. Octyl
Phenol Sulfonate

1947

Oenanthic Ether

1940

Olibanum A

1940, 1942

Olibanum Absolute
Resin

1928-1929, 1931-1932,
1934-1951, 1955-1956,
1959-1960, 1962-1964, 1966

Olibanum Soluble
Resin

1925-1926

Oporonax Absolute
Resin

1928, 1935-1938, 1940-1946,
1948-1950, 1953-1958,
1960-1964, 1965 - 1966

<u>PRODU'</u>	<u>YEARS IN WHICH MANUFACTURED</u>
---------------	------------------------------------

Opoponax Oil	1940
Orange Oil	
5 Fold	1948-1949, 1951
African	1950, 1959-1960, 1962-1963, 1965
Bitter - 5 Fold	1949
10 Fold	1950, 1955
Florida	1951, 1963, 1964, 1965
Calif.	1950, 1963
F-4436	1962-1964, 1965-1966
Conc. - Extra	1938-1939
40 Fold	1955
Dist.	1945-1947
Terpenes Redist.	1944
Orange Sesquiter- peneless	1940, 1943
Bis	1940
Orange Terpenes Decolores	1962, 1965-1966
Orange Terpeneless	1924-1937
#2	1938
N.P.	1940
20	1939
40	1939
80	1939-1942
Bis	1938
New	1933-1934
Bis	1941
fr. Res.	1938
Terps.	1938
Oranger Crystals	1926*, 1936-1938, 1940-1947, 1950, 1952, 1954-1964, 1965-1966

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PRODUCT

YEARS IN WHICH PRODUCED

Oranger Liquid 1952, 1947, 1959-1964, 1965-

Redist.

1950

Orris Absolute

Resin

Reworked

1927-1932, 1934-1940

1939, 1946

Orris Oil Concrete 1924, 1926, 1928, 1933-1941,

1946-1948

Orris Root Exhausted

Powdered

1941, 1955

Orris Soluble Resin 1927, 1933

Orris Oleoresin 1924, 1926-1927

Orthene

1938

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PRODUCT**YEARS IN WHICH MANUFACTURED****P C 3**

1949

Palmitic Acid**Crude**

1949-1950

Dist.1936, 1938-1939, 1946-1947,
1949**Purif.**1937, 1940-1955, 1957,
1959-1963, 1965-1966**N.P.**

1956

Patchouli Oil NDT

1966

Patchouly Oil1924-1925, 1928-1930,
1934-1940, 1946**Spec.**

1931

Peach Oil Special

1954-1958

n-Pelargonyl**Piperide****(Chemical A-4965)** 1953**Peppermint Terpenes****Triple Dist.**

1925

Peru Balsam**Absolute Resin**1928, 1939, 1943, 1948-1949,
1953, 1956-1957, 1962, 1965**Anhydrol**

1961-1963, 1966

Essence

1942

Oil

1960

"G"

1965-1966

Recovered

1960

Petitgrain Oil**Acetylated**

1934*

Fract. 3-5

1933-1934

Rectified1931-1946, 1949, 1951-1952,
1954, 1956, 1958-1964, 1966**Cold Acetyl.**

1936-1937

Terpeneless1925-1926, 1928, 1931-1933,
1935, 1938, 1940-1941, 1945,
1947, 1949-1951, 1954

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PRODU**YEARS IN WHICH MANUFACTURED****Petitgrain Terpenes
Acetylated**

1942-1945, 1947

Phellandrene Redist. 1940-1941, 1965**Phenoxy Ethyl
Isobutyrate**1941-1942, 1944-1946,
1949, 1950, 1952-1953,
1955-1963, 1966**Phenylacetaldehyde
Extra**1925-1951
1962-1964**Mfg.**1926-1928, 1930-1931, 1934
1946**N.P.****Pure (W)**1949-1964, 1965-1966
1965*Dibenzyl Acetal***Phenylacetaldehyde
Ethylene Acetal**1955*, 1956, 1957-1958,
1960-1964**Phenyl Acetamide-
ethanol Crude**

1949-1952

**Phenyl Acetic Acid
Crude**1926-1960, 1962-1963, 1965-
1966**Dist.**

1935-1962, 1964, 1965-1966

Mfg.

1926, 1928

Purif.1927-1928, 1934-1951,
1953-1964, 1965-1966**Rect.**

1936-1937

Phenyl Benzoate

1941-1942, 1952

Phenyl Ethyl Acetal1938, 1945-1946, 1952,
1955-1957, 1960-1964, 1965-
1966

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PRODUCT**YEARS IN WHICH MANUFACTURED****Phenyl Ethyl
Acetate**1925, 1927-1929, 1931-1947,
1949, 1956-1964, 1965-1966**Copar**

1952, 1954

Phenylethyl Alcohol

1924-1960

Extra Fine

1948-1960

L. B.

1952

Mfg.1926, 1928, 1938, 1940-1942,
1944-1947, 1956-1957**N. P.**

1933-1934, 1956, 1963

Prime

1951-1960

Q Redist.

1938, 1940-1941

Residue Redist.1938, 1941, 1943-1944,
1946-1947, 1949, 1951-1952,
1955-1957, 1961-1963, 1965**Phenyl Ethyl
Anthranilate**1941, 1949-1951, 1956,
1957-1958, 1964, 1965**Benzoate**1939-1940, 1945, 1948, 1955,
1957, 1964**Butyrate**1936, 1949-1950, 1953, 1956,
1957, 1959, 1961-1963**Carbinol**

1956

Cinnamate

1949-1950, 1954-1955, 1960

Formate1939-1942, 1945, 1947, 1949,
1951, 1956-1958**Isobutyrate**1939, 1940-1943, 1945-1946,
1949-1950, 1954-1964, 1965-
1966

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PRODUCT**YEARS IN WHICH MANUFACTURED****Phenyl Ethyl
Isovalerate**1937, 1941-1942, 1948, 1950,
1953-1954, 1956, 1958-1961,
1964, 1965, 1966**Methacrylate**

1958-1962, 1965

Phenyl Acetate1927*, 1937-1938, 1941,
1945-1947, 1950, 1955, 1958,
1959-1964, 1965-1966**Propionate**1928, 1931, 1940-1941,
1947-1948, 1950, 1953-1956,
1964, 1965**Salicylate**1932-1933, 1941, 1946, 1949,
1953, 1963, 1965**Phenyl Methyl
Carbinol**

1936-1943, 1946

**Phenyl Methyl Car-
binyl Acetate**

See Gardenol

**Phenyl Naphthala-
mine Purified**

1962

**Phenyl Propyl
Acetate**1925*, 1939-1948, 1954,
1956-1964, 1965**Alcohol**1925, 1934, 1936-1946,
1948-1955, 1957-1964, 1965-1966**N.P.
Tech.**1955-1956
1951**Aldehyde**1938, 1940-1946, 1949-1954,
1956, 1957, 1959-1964, 1965**Cinnamate**1940-1941, 1948, 1951, 1956,
1960-1962**Formate**

1941, 1958

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PRODUCT	YEARS IN WHICH MANUFACTURED
---------	-----------------------------

Phthalol	1924-1929, 1931-1934
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Phosphon #5	1951
-------------	------

PIC	1963, 1965
-----	------------

Pinacol	1940-1941, 1951, 1963-1964
---------	----------------------------

Redist.	1963
---------	------

Pinane	1964
--------	------

Oil Pine By-Prod. Blended Redist.	1931
--------------------------------------	------

Oil Pine By-Prod. CS Redist.	1932-1934
---------------------------------	-----------

Oil Pine Georgia Redist.	1925-1926
-----------------------------	-----------

Pine Oil Fract.Red.Comp.	1938-1958
-----------------------------	-----------

Redist.	1946-1958
---------	-----------

(Geehan) Redist.	1935
------------------	------

Light	1925, 1937, 1929-1931,
-------	------------------------

	1935-1938
--	-----------

Dist.	1935-1938
-------	-----------

F.P.	1928-1931
------	-----------

Heavy	
-------	--

Redist.	1931-1932
---------	-----------

Redist.	1924-1925, 1927, 1932-1934,
---------	-----------------------------

	1939
--	------

Red Cleaned	1924-1935, 1937-1938
-------------	----------------------

F.P.	1930-1938, 1940
------	-----------------

Redist.	1932
---------	------

Redist.	1932-1934
---------	-----------

Special	1935-1937
---------	-----------

O.T.R.Cleaned	1943-1947
---------------	-----------

α -Pinene	1942
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β -Pinene	1942, 1964
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Piperitone	1940-1941, 1953-1954, 1959-1963
------------	------------------------------------

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<u>PRODU</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Plantain Leaves Absolute Resin	1930-1932, 1935-1937, 1940-1941
Plasticizer P	1938
Propionic Acid Redist.	1952
Propionic Anhydride	1941-1942
Propiophenone	1938
n-Propyl Acetal	1938, 1942-1943, 1949, 1951, 1953-1964, 1965
n-Propyl Caproate	1945, 1947, 1949, 1957, 1961
Propylene Glycol Monomyristate	1958-1959
Salicylate	1939
Protal	1937-1938, 1951
Pseudocetone V	1950, 1952, 1954-1959, 1961-1964, 1966
Pseudoionone	1938-1964, 1965-1966
153 Hydrogenated Redist. Special	1940-1942, 1944 1938 1938, 1951-1952 1948-1950, 1952-1957, 1959, 1964, 1965-1966
Tech.	1942, 1944, 1946-1948
Pseudoraldeine A	1938-1948, 1950, 1953, 1955-1964, 1965-1966
Redist.	1938-1941, 1944, 1946-1949, 1951, 1953-1956, 1958-1959
Tech.	1944, 1946-1948

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PRODUC**YEARS IN WHICH MANUFACTURED****Racemic Acid**1949, 1951, 1954, 1956,
1960, 1962-1964**Racemic Ester**

1949, 1954, 1956, 1962-1963

Raldeine #931943-1956, 1958-1959,
1961-1964**Raldeine A**1928, 1930-1932, 1934-1948,
1950, 1952-1964, 1965-1966**AS 2**

1932-1934, 1936-1939

AS 3

1936-1937

Raldeine Delta

1934-1936, 1939-1953

Raldeine D1935-1936, 1939-1964, 1965-
1966**Complete
Extra**1935-1950
1952, 1957-1958**Prime**

1950-1964, 1966

**Special
Terps, Deterp.**1944
1942**Raldeine Gamma****Prime G.D.**

1960-1963

Prime

1966

Pure

1952-1953, 1955-1956

N.P.1958-1960, 1962, 1964, 1965-
1966**Raldeine Omega**1934, 1937-1938, 1940-1948,
1950, 1952-1964, 1965-1966**Extra
Res. Purif.**1952
1938**Raldeine Residue****Purified**1951-1952, 1955-1957,
1960-1961, 1963

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
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Reagent B-3 Crude
Acetylated

1941

Residue #10 Redist. 1933

Rexyl

1932-1962

Redist.

1945

Rhodex

1926-1927

Rhodinol
Extra

1926-1941, 1944-1964, 1965-
1966

C

1949

Pure

1925-1926, 1931

Special

1958-1963, 1965-1966

Synth.

1930-1931

Rhodinyl Acetate

1925*, 1943-1946, 1948-1950,
1953-1956, 1958, 1960,
1963-1964, 1965-1966

Rhodinyl Butyrate

1939, 1941, 1952, 1956,
1957

Rhodinyl Formate

1942-1944, 1946, 1948-1951,
1953-1954, 1956, 1958-1959

Special

1958-1963, 1965

Rhodinyl Phenyl
Acetate

1939-1940, 1951, 1955-1957,
1962-1963

Rosacetol

1942, 1956, 1963

Rosemary Terpene-
less A-4958

1957, 1966

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PRODU

YEARS IN WHICH MANUFACTURED

Roseone
Extra 1924*, 1925, 1927*
1925, 1927, 1929-1930, 1935

Redist. Fracts.
6-8 1943

Rose Maroc Absolute 1962-1964, 1965

Rosoxide 1964, 1965

Rotosolve #668 1939
669 1939
670 1939
671 1939
672 1939

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PRODU**YEARS IN WHICH MANUFACTURED****Safrole**

1924-1959, 1961-1964, 1965

D

1955-1956, 1958-1959

**Dist.
Mfg.**1949, 1965-1966
1927**Safrole KH Spec.**

1936

**Salicylic Acid
Tech.**

1927

Sandalwood Oil

1924, 1940

**Sandela
Concentrate**

1959-1964, 1965-1966

Extra

1959-1960

Santalol1940-1947, 1949-1950,
1952-1957, 1959-1960,
1962-1963, 1965-1966**Santalyl Acetate**1941, 1947, 1951, 1954-1956,
1957-1959, 1964, 1966**Santalyl Phenyl
Acetate**

1941

**Sassafras Art.
Braz.
KH**1924-1936, 1939
1946
1938-1941, 1943, 1949-1950,
1953-1960, 1964, 1965**Special
Light Colored**1939
1940**Satol**

1950-1951, 1956-1958

Prime

1958

Screen #5

1938, 1940, 1942, 1945-1948

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
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Sinpine	1959-1964
Redist.	1959-1964
Soap R-12 A	1927-1942
Sodium Acetate Anhydrous Fused	1943-1944 1924-1927
Solvent D F	1930*-1933* 1951, 1953, 1957, 1959
Solvodor	1937
Stabilizer #1	1936-1939, 1947, 1953, 1955-1964
fr. Thymol Dist. NP	1953-1960, 1962
5-K	1940
E.I. #6	1947-1950
6-K	1940
8-A	1940
9	1939, 1943
9A DIP	1947, 1951-1952, 1955
from Carvacrol Thymol	1940-1944 1939-1945, 1948, 1954
9A E.I. NP	1954, 1957-1964
MIP Thymol NP	1940-1945, 1947-1948 1953
from Thymol NP	1939, 1942, 1944-1953 1953, 1955
10 Pure	1939, 1942, 1945-1946

Stabilizers continued on next page.

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PRODUCT**YEARS IN WHICH MANUFACTURED****Stabilizer
D-12**1942-1943, 1945-1946, 1950,
1952, 1954-1960, 1962-1964**Crude**

1943-1946, 1948-1952, 1954

**18-C Dist.
Tech.**1939-1941
1940**20-C**

1940

3-22

1940

(Carvacrol)

1947, 1949-1950

DIP from**Carvacrol**

1951-1952

Stearoptene

1946

**Styrax Absolute
Resin**1929-1930, 1934-1936,
1939-1947, 1949-1951,
1954-1955, 1958-1964, 1965-1966**Clarified**

1938

**Styrax Soluble
Resin**

1924

**Styrax Liquid
Clarified**

1925, 1932

**Styrax Resin #10
White**1935-1937, 1939-1942,
1949-1950, 1955, 1959,
1961, 1964**Styrax #10 W
Residue Ground**

1951-1952

**Styrax Residue
Ground
Powdered**1955
1938, 1940, 1954**Styracine**

1942, 1943

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PRODUCT**YEARS IN WHICH MANUFACTURED**

Tagette Oil
Terpeneless
Talcum Containing G. H.
Tea Bean Absolute

1949-1950

1965-1966

1937

Terenol

1946-1947, 1949, 1957,
1959-1960, 1963, 1965

Terpin

1942-1943

Terpinolene

1961

α -Terpineol

1929

Recryst.

1965

Terpineol

Anhydrous

1924-1927, 1929

B

1924-1934, 1937-1939

Beta

1939

By-Prod. #2

1926-1938

Complete

1955

CR

1952-1953

Extra

1924-1964, 1965-1966

**Hearts
for Mfg.**

1944

P&G

1940-1949

Prime

1933-1934

1924-1964, 1965-1966

**#2
Special**

1950

1935-1938, 1941

Terpinhydrate

Recryst.

1933

U.S.P.

1933, 1938, 1940-1941, 1943,
1946-1948

Terpinolene

1924-1964, 1965-1966

P

1957, 1959-1964, 1965-1966

Terpinyl Acetate

Beta

1934-1937, 1943-1945, 1948

α -Terpinyl Acetate

1966

Terpinyl Acetate continued on next page.

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
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Terpinyl Acetate Extra	1927, 1929-1931, 1933-1964, 1965-1966
Complete*	1953*
Mfg.	1926-1928
Prime	1924-1948, 1950-1964, 1965- 1966
3" Complete*	1953*
Extra 2	1942
Terpinyl Formate	1952
Terpinyl Propionate	1940-1963, 1965-1966
1,2,4,5-Tetrachlor Benzene	1946
Tetrahydrofurfuryl Butyrate	1953, 1962
Tetrahydro Geraniol	1938
Tetrahydro Limonene	1944
Dist.	1944
L	1946
H	1946
Tetrahydro Linalool	1938, 1954, 1957, 1960, 1962-1964, 1965-1966
Tetrahydro Naphthyl Methyl Ether Crude	1956
Tetrahydro Pseudo- ionone	1944, 1952, 1954, 1956-1964, 1965-1966
M.P. Tetrahydro Pseudo- Raldene D	1956
Textile Spirits Purified	1945

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
THF Solvent	1940-1941
Thymol Crude	1937
Thymol N.F.	1951-1952, 1955, 1958-1964, 1965-1966
Fine Cryst.	1951-1952, 1958-1964, 1965-1966
Commercial	1958
Large Crystals	1958
Mfg.	1955, 1958-1959
Photograde	1965-1966
Thymol N.P.	1951-1955
Fine Cryst.	1952-1957
N.P.	1955-1956
Mfg.	1953-1956
Thymol Crystals USP	1935-1950
Thymol USP	
Fine Crystals	1950-1951
Recryst.	1949
Thymol Technical	1939, 1940-1946, 1949-1950, 1952-1957
T M E T	1954-1964, 1965-1966
Tobacco Oleoresin	1957
Tolu Balsam Absolute	
Resin	1926, 1928-1932, 1936-1937, 1939-1941, 1943-1963, 1965- 1966
Tolu Balsam Soluble	
Resin	1924, 1927
Tolu Balsam	
Clarified	1924-1925, 1935
Tolu Concrete	1945

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PRODUCT

Toluol purified.	1951
Tolyl Acetaldehyde	1933, 1940-1941, 1944, 1947-1948, 1950-1951, 1953, 1957, 1960-1964, 1965-1966
p-Tolyl Acetic Acid	1950
m-Tolyl Aldehyde	1951-1952
Tolyl Glyceryl Acetal	1954, 1956, 1957, 1959, 1961, 1965-1966
Triacetin	1942-1943
Trichlor Phenyl Acetate	1946, 1948
Triethyl Citrate	1942-1943
Triiso Propyl Phenyl Phosphate	1942
Trichlorphenol	1947-1949, 1962
Trichlorphenyl Acetate Tech.	1953-1954
Turpentine Oil Redist.	1924, 1926
Turpentine Oil Rectified	1928
Turpentine Red Dist.	1938, 1941-1942
Gum Spirits Tur- pentine Redist.	1934, 1938, 1942-1943
O.T.R. Borneol Fractions	1946-1947, 1949-1950

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Valerian Root (Ground)	1941, 1949
n-Valeric Acid Crude	1950-1952 1951
Valeric Anhydride	1952-1953
γ-Valerolactone	1953*, 1954, 1956, 1959-1960, 1962-1964
Oleoresin Vanilla Tahiti	1924-1927, 1930-1936, 1944, 1950 1950
Vanillideneacetone	1964
Vanillin	1925-1929
AC	1924
Comp.	1950
Cryst.	1929
Dist.	1943
Grindings	1936
L Pure	1952
USP	1952-1953, 1955
Large Cryst.	1936
Mfg.	1929, 1938-1940, 1942-1943, 1946-1947
N.P.	1930-1947
Special	1934-1935
U.S.P.	1947-1952, 1960, 1962-1964, 1955-1966
White	1926-1947
Yellow	1929, 1949, 1951
Vanillin XXXX	1935-1936
XXXX N.P.	1934-1942
XXXX Spec.	1935
XXXX White	1934-1941
XXXX Yellow	1934-1936, 1938-1939

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PRODUCT

Undecylenic Acid

Dist.
Pure
Tech.

1939
1939-1948, 1950
1945

Undecylenic Alcohol 1932*

Undecylic Acid
Pure

1948, 1950
1939, 1940, 1942

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<u>PRODUCT</u>	<u>YEARS IN WHICH MANUFACTURED</u>
Vanillin Brut	1925-1943, 1945-1946
Veratryl Alcohol	1954-1955
Veratrylaldehyde	1940
#1 Tech.	1953-1959, 1962
#3 Tech.	1955, 1959
#4 Tech.	1955
B.S.C.	1939-1942
#1	1943-1944, 1953
#2	1940, 1943-1944
Verdantiol	1964
Verdyl Acetate	1961, 1963 ✓
Verdyl Propionate Extra	1965-1966
Versalide	1954-1960
D.O. (S.P.)	1961-1964, 1965-1966
Dist.	1954-1964, 1965-1966
Extra	1959, 1961, 1963-1964, 1965-1966
Prime	1960-1964, 1965-1966
Vetacetyl	1952
Vetiver Acetate	1927*, 1940-1942, 1944-1950, 1952-1957, 1963-1964
B Extra	1959-1964, 1965-1966
B Prime	1959-1960
Cpd.	1942
M.D.	1958-1964, 1965-1966
#112	1952, 1955, 1957-1959, 1962, 1965

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PRODUCT

YEARS IN WHICH MANUFACTURED

m-Xylene

1932-1958

Purified

1949, 1952-1955, 1957

p-Xylene

1940, 1949, 1954, 1957-1958

Crude

1939, 1951, 1953

Tech.

1947, 1950

Xylol Recovered

1935

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Yara Yara

Dist.

Tech.

Prime

Ylang Terpenoleas

1943, 1946-1947, 1949-1957,

1959-1964, 1965-1966

1942, 1959-1960, 1962, 1965

1952

1965-1966

1954, 1956-1962, 1964

877240757

PRODU

Zingerone

YEARS IN WHICH MANUFACTURED

1943-1944, 1953, 1956-1957,
1963, 1966

877240758

Attachment 5B
1929 Production Information

NOTES
ON
Perfumers' Synthetics

Manufactured by

GIVAUDAN-DELAWANNA, INC.

101 FIFTH AVENUE, NEW YORK

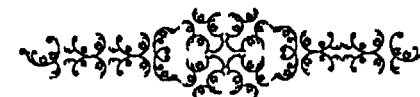
Factory: DELAWANNA, N. J.



Associated with
L. GIVAUDAN & Cie.
VERNIER - GENEVA - SWITZERLAND
AND LYONS, FRANCE

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New York City

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FOREWORD

TO introduce new products which will enable perfumers to create and perfect original perfumes, to cater to a clientele that is ever eager to obtain something new, to produce on a large scale high quality products of uniformity and free from the influence of the price gyrations which characterize the essential oils, are the guiding objectives of the modern synthetic perfume material industry.

Because of modern facilities, because of standardization of processes, and because of the important position accorded the Research Laboratories, wherein Chemist and Perfumer collaborate in the perfecting of new products or in creating new compounds, our plants in Delawanna, Geneva and Lyons are able to successfully meet the exigencies of the perfumery field.

The high reputation which we enjoy, and the customer confidence which this prestige reflects, are ever an incentive for us to maintain and enhance that reputation of which we are so proud.



NOTICE

We have divided the material in this booklet in two categories:

- (1) Aromatic Products.
- (2) Specialties—reproducing floral or other natural perfumes and bases for the creation of fancy bouquets.

Perforce the information given herein concerning our various products must be brief and cover only the salient points.

We are always pleased to be of service to our customers and to cooperate with them in the solution of such problems as they may care to present to us.



CHAPTER I

AROMATIC PRODUCTS

Acetanisol. — White crystalline product.

Odor reminiscent of dimethyl hydroquinone and Methyl Acetophenone. Useful in soapmaking for New Mown Hay, Clover, and Mimosa type odors.

Acetate, Amyl. — Found in the apple — has a fruity odor; especially useful in fruit juices, confections, preserves and lemonade. Used to advantage also in fine Jacinthe type perfumes to give a fresh note, but must be used sparingly.

Acetate, Benzyl. — Ethereal and fruity odor reminiscent of Jasmin.

This is one of the principal constituents of the natural oils of Jasmin, Gardenia, Ylang Ylang, Cassie, etc. Found in all synthetic Jasmins and in the cheaper type of odors; but especially of interest in soap manufacturing as a substitute for natural Jasmin.

An ester content test for purity is always advisable and it is absolutely essential that a chlorine test be made as products containing this impurity are frequently encountered.

Acetate, Bornyl. — Colorless liquid when molten, becoming crystalline when cooled.

Occurs in natural Oil Pine Needles to the extent of 30-40% in Siberian Pine, and 36% in the Canadian Oil. Especially useful for producing the Pine Needle effect in low priced toilet waters and bath salts.

Acetate, Cinnamyl. — Has the fruity odor characteristic of most Acetates. A good fixative and of interest in Rose, Jacinthe and Jasmin perfumes.

Acetate, Citronellyl. — Very fruity odor slightly reminiscent of Bergamot. Can be used to advantage in small quantities in perfumery, especially in conjunction with Spike and Lavender Oils. Sometimes adulterated with Geranyl Acetate or Terpinyl Acetate.

Acetate, Geranyl. — Occurs in nature in Oils of Lemon, Neroli, Lavender, Palmarosa, etc.

Floral odor recalling that of Linalyl Acetate. Is of importance in soap and perfumery in products having a Lavender, Spike, Bergamot, etc., base.

Acetate, Linalyl. — Odor distinctively reminiscent of Bergamot.

Found in nature in numerous Oils and is the chief constituent of Bergamot and Lavender. Principally used as a substitute for Oil Bergamot, and is about three to four times stronger in odor. Its excellent solubility in alcohol renders it invaluable for Eau de Cologne wherein a low percentage of alcohol is used.

The best quality of Linalyl Acetate is made by esterifying Linalool from Bois de Rose. This is a delicate process where the formation of Terpinyl Acetate is to be avoided, for it lowers the value and quality of the Linalyl Acetate.

Commercially this product is seldom met with in the pure state.

Ester content and freedom from chlorine should be determined, and a fractional saponification as well as a careful olfactory test should be made in order to detect the presence of Terpinyl Acetate.

Acetate, Linalyl from Shiu has the same characteristics as the Linalyl Acetate from Bois de Rose. The odor is not quite as fine, due to the presence of traces of Borneol in the Shiu Oil. It is a delicate and difficult task to eliminate the small amounts of Borneol Acetate, which get into the Linalyl Acetate from this oil.

Acetate, Methyl Phenyl Carbinol. — See *Gardenol*.

Acetate, Nonyl. — Fresh, fruity and slightly fatty odor. Used in small amounts in fresh, fancy perfumes to give an interesting note.

Acetate, Phenyl Ethyl. — Delicate fruity odor slightly recalling that of Peach.

Quality can be determined by an ester content and an olfactory test.

Acetate, Rhodinyl. — Has a fruity Rose odor and is useful in all rose perfumes on account of the fresh note it imparts. Rhodinyl Acetate is obtained by esterifying Rhodinol, and is often adulterated with Geranyl and Citronellyl Acetates. As the chemical analysis is a fairly delicate one we recommend a careful olfactory examination.

Acetate, Styrolyl. — See *Acetate, Cinnamyl*.

Acetate, Terpinyl. — Has a comparatively weak odor.

Used extensively in soap perfumery because of its low cost, as a substitute for Oils of Lavender, Spike and even Bergamot.

Acetophenone. — Powerful and characteristic odor. Used chiefly in soap and cheap perfumes of the Lilac, New Mown Hay and Syringa type.

A satisfactory determination of the purity may be made by finding the melting point, but an olfactory examination is also necessary.

Acid, Cinnamic. — Either manufactured synthetically or obtained by extraction from *Styrax* together with Cinnamic Alcohol. We use the latter method.

Cinnamic Acid is found in nature in *Styrax*, Benzoin and Balsam Tolu, and can be effectively used as a fixative in conjunction with those products.

It is always advisable to make a chlorine test.

Acid, Phenyl Acetic. — Has a powerful and tenacious Honey-like odor. Phenyl Acetic Acid is an intermediary product in the manufacture of Phenyl Ethyl Alcohol and is extensively used to impart a Honey odor in soaps. It is equally useful in Rose perfumes.

Physical appearance, odor, and melting point are the only tests needed to determine the purity of the product. We manufacture all the esters of Phenyl Acetic Acid of

which certain ones have a strong, Honey odor. The best known are:

Amyl Phenyl Acetate
Benzyl Phenyl Acetate
Ethyl Phenyl Acetate

Iso Butyl Phenyl Acetate
Methyl Phenyl Acetate
Paracresyl Phenyl Acetate
Phenyl Ethyl Phenyl Acetate

Alcohol, Anisic. — Colorless liquid, crystallizing in low temperature. Has a sweet, slightly Anisic odor, making it of interest in perfumes of the Mimosa type, as well as in fancy bouquets.

Alcohol, Benzyl. — Weak and delicate odor which should have no traces of that of Bitter Almond. Found in nature in numerous Oils, such as Jasmin, Tuberose, Ylang Ylang, Cassie, Cloves, Lily, Gardenia, etc.

The sphere of usefulness of Benzyl Alcohol is comparatively limited. It is used, however, as a vehicle for certain natural Oils in non-alcoholic perfumes, or as a solvent, as in the preparation of certain synthetics, Jasmin for instance.

Alcohol, Cinnamic, Natural (From Styrax). — Due to its comparatively high melting point this is found commercially as a solid white mass. Has a slight balsam-like odor reminiscent of Jacinthe and very tenacious.

Cinnamic Alcohol is found in nature in the form of esters in Styrax Resin and in Balsam Peru. Extensively used in both perfumery and soap making mainly because of its fixative properties, although its olfactory characteristics make it well adapted for use in Rose, Jasmin, New Mown Hay, Jacinthe and fancy bouquets.

Alcohol, Cinnamic, Synthetic. — Whereas Natural Cinnamic Alcohol contains traces of Phenyl Propyl Alcohol, Synthetic Cinnamic Alcohol is chemically pure. Its odor is similar to, but less refined than that of the Cinnamic Alcohol from Styrax. Used in the same way and highly recommended in soap perfumery.

Alcohols, Fatty, C-8 (octyl), C-10 (decyl), C-11 (undecyl), C-12 (lauric). — All have a fatty odor combined with a

fresh note when used with discretion. Interesting results are obtainable in Rose, Eau de Cologne and fancy perfumes.

Alcohol, Nonyl. — Found as caprylate in Oil Sweet Orange. It has a rose-like odor. Excellent for Eau de Cologne when used sparingly.

Alcohol, Phenyl Ethyl. — Odor decidedly Rose-like. Found in nature in Oil of Rose, and to a greater extent in Rose Water, because of its extreme solubility in water. Also found in Oil Neroli and Orange. Can be employed in all perfumes and its use is constantly and rapidly extending.

The manufacture and purification of Phenyl Ethyl Alcohol is a difficult task in order to secure a perfectly pure product, which is the only one that can give satisfactory results.

The odor should be exceedingly sweet. Frequently other perfumes are added in order to mask the disagreeable odor of an impure product.

We guarantee our product entirely pure and free from any admixtures.

Alcohol, Phenyl Propyl. — Sweet odor recalling both Cinnamic Alcohol and Jacinthe. Found as a Cinnamate in Styrax, Sumatra Benzoin and White Balsam Peru from Honduras.

Use rather limited. Suitable for Rose, Roseda, New Mown Hay or Jacinthe or as a fixative. We prefer to use Cinnamic Alcohol.

Aldehyde, Anisic (Aubepine). — Found in nature in all Oils containing Anethol. Distinct and fine odor of Hawthorn flowers. Useful in all perfumes which contain Coumarin, Heliotropine and Vanillin.

It is made from either Paracresol or by oxidation of Anethol. The latter process gives a finer product, provided all traces of Anethol have been removed. Aubepine from Paracresol often retains a disagreeable phenol odor.

Anisic Aldehyde is frequently offered in powdered form for use in creams, compacts, etc. This powder is chemically a Bisulfite combination of Aubepine.

Aldehyde, Benzoic (Benzaldehyde). — Colorless liquid rapidly oxidizing when in contact with the air. Principal constituent of Oil of Bitter Almond and of Laurel Berries and found in numerous other oils.

It has a strong Bitter Almond odor and is chiefly used in soaps for producing that odor as well as in small amounts in Heliotrope perfumes.

It is of importance to specify a product which is free from chlorine as its presence is objectionable in the manufacture of soaps.

Aldehyde, Cinnamic. — Found in nature in Oil Cinnamon Ceylon (65-75%) and Oil Cinnamon China (75-90%). Strong Cinnamon odor.

Natural Cinnamic Aldehyde, even when well purified, possesses a slightly unpleasant odor and bitter taste. The synthetic one, on the contrary, has a distinctly fine odor and a delicate taste similar to Cinnamon bark.

Hence it is far more desirable than the natural Oil for use in food as well as perfumery products.

Aldehyde, Cuminic. — It is the principal constituent of Caraway seed (35 to 40%). Has a characteristic Caraway odor and should be used with caution, due to its very characteristic and extremely strong odor. Useful in confections and fancy bouquets.

Aldehyde, Strawberry (C-16). — See *Specialties* — *Aldehyde, Strawberry*, 1289.

Fatty Aldehydes. — Due to their very powerful odors, Aldehydes C-8 to C-12 are best used in very minute amounts and it is advisable, therefore, to employ them in 1% alcoholic solutions. This has the added advantage that the alcohol acts as a preservative, tending to retard the oxidation of these products, which is very rapid if they are kept undiluted and especially in partly filled bottles. For this reason the above aldehydes are frequently offered in solution either in alcohol or in other inert solvents.

Aldehyde, Octyl (Caprylic Aldehyde C-8). — Odor reminiscent of Heptyl Aldehyde. Is probably found in Oil

Lemon and is useful for blending with Lemon and Orange type odors.

Aldehyde, Nonylic (Pelargonic Aldehyde C-9). — Found in Oils of Rose, Lemon and Cinnamon. Has a strong characteristic odor, somewhat reminiscent of Citronellal. More interesting than Octylic Aldehyde. Suitable for perfumes of the Rose and Aurantiaceous types.

Aldehyde, Decylic (Capric Aldehyde C-10). — Fresh odor useful in Rose, Lily of the Valley, Tuberose, and fancy extracts.

Aldehyde, Hydro-Cinnamic. — See *Aldehyde, Phenylpropionic*.

Aldehyde, Undecylic (C-11). — Has a fresh odor, making it useful in Rose, Muguet, Tuberose and fancy bouquets wherein freshness is desired.

Aldehyde, Lauric (C-12). — Found in Oil of Pine Needles, has an odor somewhat of the same type as Aldehyde C-10 and C-11, but has more warmth and more of a greasy note.

Aldehyde, Duodecyl (Methyl-Nonyl-Acetic Aldehyde C-13). — This is the most interesting of all the Fatty Aldehydes, for it does not have the disagreeable fatty odor of the preceding series and has a fresher note. Even in very dilute solutions, this will give a very agreeable tone in extracts, and we recommend it for all perfumes requiring freshness. This product should not be confused with the isomeric Lauric Aldehyde (Aldehyde, Duodecyl).

Aldehyde, Peach (C-14). — See *Specialties* — *Peach L. G.*

Aldehyde, Phenylacetic. — See *Phenyl Acetaldehyde*.

Anisate, Ethyl. — Has characteristic Anise odor, but less refined than that of Methyl Anisate. It is distinctly reminiscent of Chervil and can be used in perfumery for Eau de Cologne and in soap making to give an Anise note.

Anisate, Methyl. — Very fine odor of Chervil; particularly used in soap making and for tooth pastes.

Aubepine. — See *Aldehyde, Anisic*.

Benzoates. — We manufacture all the Esters of Benzoic Acid.
The best known are:

Methyl Benzoate	Iso Amyl Benzoate
Ethyl Benzoate	Benzyl Benzoate
Iso Butyl Benzoate	

Methyl Benzoate (Oil of Niobe) is found in the oils of Ylang Ylang, Tuberose, and Cloves, and is largely used in soap making for New Mown Hay and similar types.

Iso Amyl and Iso Butyl Benzoates, as well as Ethyl Benzoate, are all useful for giving a Clover note in soaps.

Benzyl Benzoate is practically odorless and is used as a diluent for perfumes without alcohol or as a fixative. It is an excellent solvent for the artificial Musks (280 gr. per kg.) and for all essential oils.

Benzophenone. — Has a characteristic, mild and lasting odor. One of its principal uses is in soap perfumery in conjunction with Rose compounds, Fougere and New Mown Hay types of odors. Soap makers should give greater attention to this fine fixative.

Benzaldehyde. — See *Aldehyde, Benzoic*.

Benzylidene Acetone. — Very strong and tenacious characteristic odor; used exclusively in soap making for odors of New Mown Hay, Lavender, Mimosa, etc., types.

Bromelia. — See *Neroline*.

Bromstyrol. — Has a strong and crude odor of Hyacinth; used in Hyacinth, Rose, Lilac and Heliotrope perfumes for soaps.

Brom Styrol does not keep for any length of time, but the disintegration is not great, and it can be employed in soap making, even when slightly decomposed.

Butyrates. — The more common are:

Benzyl Butyrate	Linalyl Butyrate
Citronellyl Butyrate	Phenyl Ethyl Butyrate
Geranyl Butyrate	

These Esters all have, besides their own individual odor, a characteristic and strong fruit-like note. Unfortunately, they are unstable and rapidly acquire the disagreeable odor of Butyric Acid.

Linalyl Butyrate, in particular, is one of the constituents of Oil of Lavender.

Buxine (Alpha Amyl Cinnamic Aldehyde). — Very tenacious odor, having at first an odor of Boxwood Leaves, but later developing a very definite Jasmin note.

This material is very much in vogue at present and is the base of a number of compounds. It is especially useful in extracts of Jasmin, certain Muguetts, Lilac and for fancy bouquets where warmth is required.

See also *Jasmo-Buxine* (Specialties).

Ceto-Violet. — See *Irisones*.

Cinnamate, Ethyl. — Found in Oil Styraç, has agreeable and fruit-like odor, and is useful for strengthening Eau de Cologne, as well as acting as a fixative.

Cinnamate, Methyl. — Refined and powerful fruity odor, used as a fixative in Eau de Cologne and soaps.

Citral. — Slightly yellowish liquid.

Very penetrating, characteristic odor of Lemon. Citral, which is the chief odoriferous matter in Oil of Lemon is found in a large number of essential oils, chiefly, Oil of Bakhousia Citriodora, and especially in Oil of Lemongrass, from which it is extracted commercially. It is very much used in Eau de Cologne and compounds of Verbena and Lemon.

We have several qualities varying in accordance with their contents of pure Citral.

Citral F. 100%. — Guaranteed 100% pure. Gives fine results in Eau de Cologne.

Citral Extra Fine	} These four qualities are all equally useful in the common Eau de Colognes and toilet waters.
Citral B.	
Citral S.S. 90%	
Citral Ordinary	

Citral Citron. — Extracted exclusively from Lemon Oil, which it can advantageously replace. It has a very powerful odor, being 30 times stronger than that of Oil of Lemon. In addition, it is readily soluble in alcohol, even of low concentration. Due to its high price, Citral Citron is frequently adulterated with Citral from Lemongrass. In order to test its purity and origin, we recommend the olfactory test and also tasting a very dilute alcoholic solution.

Citronellal. — Soluble in five volumes of 70% alcohol. Citronellal is found in nature in Oil of Citronella Java from which it is extracted. It is also found in a number of other oils, such as Eucalyptus Citriodora, etc., and has a characteristic fresh odor somewhat reminiscent of Citral, useful for cheap perfumes and soaps.

Citronellol. — Soluble in five volumes of 60% alcohol.

Has a very fine rose odor; found in Oils of Geranium, Rose and Citronella Java and is generally used in all perfumes to impart a rose note. Citronellol is frequently adulterated with Geraniol, whose odor is very similar.

An olfactory examination together with the verification of the density suffices to determine its purity.

Coumarin. — Is found extensively in nature, and especially in the Tonka bean to which it gives its characteristic odor. All perfumers are familiar with this product and it is, therefore, unnecessary to enumerate its many uses. Suffice it to say that it is universally used in soaps and perfumes because of its stability.

Diethyl Phthalate. — See *Neantine*.

Dimethyl Acetophenone. — Has a powerful characteristic odor, somewhat sweeter than Methyl Acetophenone. It blends well in soaps and perfumes to obtain Mimosa, New Mown Hay, Lilac, etc., effects.

Dimethyl Hydroquinone. — Has a flowery odor somewhat reminiscent of Coumarin and Aubepine. An excellent fixative for both soaps and perfumes.

Diphenyl Oxide. — Has a characteristic odor of Geranium leaves; on account of its stability to alkalis it is used extensively in soap making as a substitute for Geranium.

Ethyl Betanaphthol. — See *Neroline*.

Eugenol. — Soluble in two volumes of 70% alcohol. It is found in nature in the following oils:

Cloves (80 to 95%), Cinnamon Leaf (65 to 95%), Pimento (80%), Bay (60%) and in numerous others in smaller quantities.

Has a Clove odor and is especially useful for Carnation perfumes and in fancy bouquets. Eugenol should dissolve easily and completely in the proportion of 1 gr. in 30 cc. of 2% caustic soda solution.

Eugenol M. — Slightly yellowish liquid; does not darken in presence of light.

Its odor is slightly different and much sweeter than that of Eugenol and we recommend it for fine Carnation perfumes.

Folione. — See *Heptin Carbonate*, *Methyl*.

Formates. — Colorless liquids, having sweet, fruity and agreeable odor. We manufacture a whole series and can recommend the following:

Citronellyl Formate	} All Having	Benzyl Formate	
Geranyl Formate		A Rosy	Cinnamyl Formate
Rhodinyll Formate		Note.	Phenyl Ethyl Formate

which are useful in Rose and Jasmin perfumes, giving them a distinctive character. As these products decompose readily we recommend that they be kept in well-filled, carefully stoppered bottles, protected from the light.

Gardenol. — Has a pungent odor reminiscent of Gardenia; is successfully used in Gardenia perfumes and in fancy bouquets to which it imparts a fresh and original character.

Geranium Crystals. — See *Diphenyl Oxide*.

Geraniol. — Colorless liquid. Sweet and pungent odor. It is the principal constituent of Rose and Palmarosa Oils and is found in a large proportion in the oils of Geranium, Citronella and Lemongrass. We have three grades, as follows:

Geraniol Pure. — Extracted from Oil Citronella Java; is very sweet and suitable for extracts.

Geraniol for Soap. — This grade has been made primarily for soap makers.

Geraniol Prime. — A water-white, low-price Geraniol of general utility.

Heliotropine. — Found in small quantities in the flowers of Spiraea, Ulmaria and Robinia pseudoacacia, and possibly in Heliotrope.

Has a very fine and distinct Heliotrope odor and is extensively used in soaps, perfumes, sachets, and powders. It is one of the oldest and most well known synthetic perfume materials.

Heptin Carbonate, Methyl (Folione). — Has an exceedingly strong Violet-leaf odor and we advise that small quantities be used in all Violet perfumes as well as in soaps; also of interest in bouquet odors to which an interesting note is imparted.

Hydroxycitronellal. — See *Laurine*.

Indol. — Has a strong and disagreeable odor. In very dilute solutions it reminds one of Jasmin. Used in small quantities in compounds where a Jasmin note is desired. Indol is very sensitive to light and discolors quickly.

Irisones (Ionones). — The Irisones, which were formerly used exclusively in Violet compounds, have become raw materials as extensively employed in soaps and perfumes as Rose or Jasmin. These may be used for Violet perfumes in which they admirably reproduce the natural odor or to impart a fresh and floral note to compounds.

We offer a number of grades of Irisones, all guaranteed 100% pure, each having its own character, making it indispensable for some particular purpose. Chemically, Irisones exist in various forms, usually designated as Alpha, Beta, etc. Furthermore, in accordance with the method of manufacture and purification different tonalities are obtained which are imparted to the various compounds in which they are used.

Irison P. H. Pure. — The note of this material is somewhat on the line of our regular Irison Pure, but it is obtained by a process which permits us to make the price very attractive.

Irison Alpha. — Our product is chemically pure Ionone Alpha and cannot be surpassed in the creation of fine Violet perfumes to which it gives an incomparably fresh and delicate note. It finds also very interesting use in compounds of the Rose, Muguet and Cyclamen type, to which it lends softness and freshness.

In order to obtain a really fine Irison Alpha, one must insist on a product which is absolutely pure, colorless, fine in odor and completely Terpeneless. An Irison Alpha conforming with these specifications should not change its odor or color over a period of several months.

Irison Beta. — Has a harsher and less flowery character than Irison Alpha and could not be used as a substitute for it. It is of value, however, in soaps and certain perfumes.

Irison Brut. — This grade contains in addition to a small quantity of Irison Terpenes, traces of Resins. These Resins serve as a fixative for the Violet perfume and make this cheap Irison interesting for soap makers' purposes.

Irison for Soap. — Yellowish liquid prepared especially for use in white soaps wherein very satisfactory results are obtained.

Irison Terpenes. — Yellowish liquid which represents the first material coming over in the distillation of Irisones. It is suitable only for low grade soap perfumes.

Ceto-Violet. — Yellowish liquid having a new and original odor. Is of interest in Violet and Bouquet type extracts. Very tenacious in odor.

Raldeines (Methyl Ionones.) — The various Raldeines are distinct chemically pure products and homologues of the Irisones. They exist in a number of chemical modifications, which explains the numerous grades we offer.

Raldeines have become of great importance in perfumery in recent years. They possess the same olfactory qualities as the Irisones, but have greater warmth and tenacity. They are particularly useful in Violet type perfumes of the various grades.

Our Raldeines A., M., S., are the qualities most frequently called for, each having its specific character. Raldeine A is the most flowery and most generally used, while Raldeine M has a sweeter nuance.

Raldeine D. — Due to a special and new process of purification, this grade has an unexcelled fine and pure odor, making it unique in its field. It is characterized by its tenacity and the warmth which it imparts to extracts. It has also become an indispensable auxiliary in the creation of fancy perfumes and is the base of several recent popular and well-known creations.

We have developed Raldeine Technical and Sapo-Raldeine in order to make this interesting note available to soap makers.

Iso Eugenol. — Is found in Oil of Ylang Ylang, Champaca, Muscade, etc.

The odor is reminiscent of that of Eugenol, but is finer and sweeter. Used in soap and perfumery for giving a Carnation note.

As this product is rarely found on the market in a perfectly pure state, we recommend a careful olfactory examination. Similarly to Eugenol, it should dissolve readily and completely in the proportion of 1 gr. to 30 cc. of a 2% caustic soda solution.

Jacinthe Absolute. — See *Phenyl Acetaldehyde*.

Jacinthe Savon. — See *Bromstyrol*.

Laurine. — Chemically our Laurine is Oxydihydrocitronellal, or, Citronellal Hydrate, commonly called Hydroxycitronellal. Its odor is sweet and flowery, reminiscent of Lily of the Valley or Linden.

The use of this material has increased considerably in the past few years. Practically all the recent creations contain a certain amount; all new Muguet, Lilacs, and Cyclamens have Laurine as a base.

The manufacture of Laurine is one of the most delicate in the whole field of perfumery chemistry, and for this reason one rarely finds a chemically pure product on the market. Hydroxycitronellal, if entirely pure, should be completely soluble in a 10% solution of Bisulfite of Soda at normal room temperature and should not have an odor reminiscent of Citronellal.

We will gladly send a method of analysis to those who wish to test this material themselves.

In order that soap-makers may have the advantage of using this interesting note, we produce a technical grade which is very stable and gives very good results in soap.

Linalool. — Found extensively in nature in such oils as Bois de Rose, Shiu, Coriandre, etc.

We obtain our product exclusively from the best grade of Bois de Rose. Its characteristic odor is much finer than that of Oil Bois de Rose.

We recommend the use of Linalool for perfumery as a substitute for Oil Bois de Rose, as well as in all Oranger, Rose, Muguet, Lilac and Jasmin types of perfume.

Linalool M. — Has a finer odor than Linalool and is still better adapted for high class perfumery.

Malvone. — See under *Specialties*.

Methyl Acetophenone, Para. — Odor is sweeter than that of Acetophenone and reminiscent of Mimosa. It is largely used in cheap perfumery and soap for Mimosa, New Mown Hay, and Lilac type odors.

Methyl Anthranilate. — Methyl Anthranilate is found in nature in Oils of Neroli, Jasmin, Tuberose, Ylang Ylang and Bergamot leaves, etc., to which it gives a certain fluorescence. In dilution it has a fine and distinct odor of orange flowers. The use of Methyl Anthranilate has increased considerably during the last few years. All synthetic Nerolis are based on it and all artificial Jasmims contain more or less of this material. It is very useful in perfumery and soap making wherever the orange note is desired.

Methyl Anthranilate is rarely found on the market perfectly pure. The impurities present are due either to poor manufacturing processes or to deterioration which is caused

by long storage. In purchasing, one should specify a product which crystallizes completely on cooling without leaving any reddish liquid residue.

Methyl Anthranilate of Methyl. — Oil of Petitgrain Mandarinine contains about 50 to 60% of this Ester. It is also found in small quantities in Tangerine peels. The synthetic product has an odor slightly different from the natural, but the low price makes it an interesting substitute for it.

It is used in the same way as Methyl Anthranilate, but because of its entirely different note, should be found advantageous in new creations, and we recommend this be borne in mind where a new note is sought.

As our product is perfectly pure, it crystallizes at 15°, whereas many products found commercially remain liquid, even at 0°; being a mixture of Methyl Anthranilate and Methyl Anthranilate of Methyl.

Methyl Beta Naphthol. — See *Yara Yara*.

Methyl Eugenol. — Frequently found together with Eugenol in the natural oils. Has an odor somewhat similar to Ylang Ylang and can be used either with, or as a substitute for, Eugenol.

Methyl Heptenone. — Methyl Heptenone is a constituent of Oil Lemongrass and other oils containing Geraniol. It has a fairly strong Terpenic odor and is of interest in soaps.

Methyl Iso Eugenol. — Has a finer and more refined odor than Methyl Eugenol and is useful in reproducing the Ylang Ylang note.

Methyl Naphthyl Cetone. — See *Oranger Crystals*.

Methyl Nonyl Acetaldehyde. — See *Aldehyde, Duodecylic*.

Methyl Para Cresol. — Found in Oil Ylang Ylang and Cananga.

Has a distinct Ylang Ylang odor and, if pure, should not show any color reaction with iron perchloride.

Musks. — Since its inception, our firm has specialized on the manufacture of Musks. Our modern facilities make it possible for us to handle the increasing demand for these important raw materials.

Musk Xylol 100% (Small or Large Crystals). — Guaranteed absolutely pure. M. P. 112° to 114°.

Solubility:

Alcohol 95%	7 grs. per litre
Alcohol, Benzyl	89 grs. per kilo
Neantine (Ethyl Phthalate)	135 grs. per kilo
Benzoate, Benzyl	280 grs. per kilo

Should be entirely soluble in alcohol in the above stated proportions at normal temperature, as well as in its own weight of Benzol without leaving any residue.

The comparatively low solubility in alcohol is not an objection to its use, for it is sufficiently soluble in a large number of essential oils and synthetics.

From time to time we receive complaints on the grounds that our Musk Xylol does not have a melting point of 112°-114°. This is due to the fact that Musk exists in two crystallographic modifications; one, called "stable" melting at 112°-114°, while the other called "labile," melts at 105°-106°. The latter, however, is just as pure as the grade having the melting point of 112°-114°.

In order to ascertain whether a sample, melting at 105°-106° is the "labile" form or simply an impure Musk, proceed as follows: Melt a small amount of the sample to be tested in the usual manner and permit to cool and crystallize in the original melting tube. Reheat and note the melting point again. If the Musk was originally in its labile form, it will now show the M. P. of the "stable modification" 112°-114°, while an impure product will show the same low M. P. no matter how often it is reheated.

The odor and use of Musk Xylol is too well known to necessitate our dwelling further on these points.

Musk Ketone 100%.

Solubility:

Alcohol 95°	15 grs. per litre
Alcohol, Benzyl	134 grs. per kilo
Neantine (Ethyl Phthalate)	155 grs. per kilo
Benzoate, Benzyl	205 grs. per kilo

This Musk has a sweeter, more animal odor than Musk Xylol. It is recommended for fine perfumery where its value is constantly better appreciated, as evidenced by our steadily increasing sales.

Musk Ambrette 100%.

Solubility:

Alcohol 95% 20 grs. per litre
Neantine (Ethyl Phthalate) 290 grs. per kilo
Alcohol, Benzyl 161 grs. per kilo
Benzoate, Benzyl 450 grs. per kilo

This is one of our oldest products. It is much more powerful than the two preceding Musks and its moderate price makes its use feasible for all classes of perfumery.

The odor is distinctly different from that of ordinary Musks and has a very agreeable Ambrette character which gives excellent results. Is largely used as a fixative in perfumery and soap making.

Musk Residues. — In the manufacture of the various Musks, we obtain Residues which are of interest in soap making. Because of our large scale production we can assure a constant and regular supply of these products, especially as regards Residues of Musk Xylol and Musk Ambrette paste and Musk Ketone Residue powder.

Neantine. — Its chemical name is Diethyl Phthalate, or Ethyl Phthalate. It has absolutely no odor and 100% Ester content. For non-alcoholic perfumes it is the best solvent and diluent. It is superior to Benzyl Benzoate and similar products in that it does not solidify nor does it flatten perfumes to the same extent as the former.

Neo-Folione. — A new product having an odor similar to that of Folione, but having a sweeter character. Can be used to advantage in Violet perfumes and for giving freshness to extracts.

Nerol Extra L. G. — A constituent of Oil of Neroli and Oil of Rose. Nerol possesses a Rose-like odor which is very fresh and flowery, thereby distinguishing it from other Rose-like alcohols generally employed, such as: Geraniol, Rhodinol, Citronellol, etc.

Although comparatively recently put on the market, this material has rapidly acquired an important place in the manufacture of fine extracts, and we recommend it particularly for giving a Rose note (Rose rouge) and for bouquet types.

There are on the market various products under the name of Nerol which are very inferior in quality and we, therefore, recommend that a careful olfactory test be given, and that the physical constants be closely checked before purchasing this material.

Neroline (Bromelia) (Beta Naphthol Ethyl Ether). — Has an odor of Orange Blossom and is used in cheap perfumery and soap making for giving an Eau de Cologne note.

Niobe. — See *Benzoate, Methyl.*

Oranger Crystals (Methyl Naphthyl Ketone Beta). — Excellent fixative giving an Oranger note which cannot be obtained with other specialties. Is particularly suitable for Eau de Cologne and wherever perfumes having an Orange note are desired. It is also suitable in soap making, for it will not cause discoloration.

Pelargol. — Colorless liquid having a Rose-like character similar to Citronellol, but somewhat more tenacious and closer to Rhodinol. The odor is reminiscent of Rosa Rubiginosa. Is suitable in perfumery and soap making for giving a Rose character, as well as in Bouquet types.

Phenyl Acetates. — See *Acid, Phenyl Acetic.*

Phenysol (Iso Butyl Phenyl Acetate). — See *Acid, Phenyl Acetic.*

Phenyl Acetaldehyde Pure (Jacinthe Absolute). — Has a very distinct and strong Hyacinth odor. Is used extensively in Perfume for Jacinthe and Rose notes.

Phenyl Acetaldehyde is easily polymerized and becomes crystalline. We have, however, been able to develop a Phenyl Acetaldehyde whose rate of polymerization has been retarded very materially without any altering of the odor value, but we recommend keeping it in alcoholic solution which retards still further the rate of polymerization.

Phenyl Acetaldehyde 50%. — We also make a 50% grade especially for the greater convenience of perfumers. This quality will absolutely not polymerize under any circumstances. As a consequence, it is meeting with wide approval by many perfumers.

Ethyl Phthalate. — See *Neantine*.

Propionates. — The Propionates are Esters having a peculiarly sweet and fruity character. We have the following:

Benzyl Propionate	Phenyl Ethyl Propionate
Cinnamyl Propionate	Rhodinyl Propionate
Geranyl Propionate	

Raldeines. — See *Irisones*.

Resinoides. — See *Specialties* — *Ambreine*, *Castoreum*, *Oak Moss*, *Styrax*.

Rhodinol. — Long known as one of the primary constituents of Oils of Rose and Geranium Bourbon; and it is from the latter that we extract it. The manufacturing process is a very delicate one, requiring meticulous care in order to obtain a high degree of purity and fine olfactory qualities. Chemically, Rhodinol is a mixture of Geraniol and Citronellol with traces of other alcohols which gives the mixture a characteristic odor which cannot be reproduced in any artificial mixture of Geraniol and Citronellol.

Its odor is very rosy and sweet and cannot be confused with that of Geraniol, which is all too frequently used as a substitute. Rhodinol always retains its sweet and rose-like character and gives compounds in which it is used, or incorporated, a very flowery character. Geraniol, on the other hand, always gives a somewhat harsh note, reminiscent of Citronella. Rhodinol is an indispensable constituent of all Rose perfumes, as well as being freely used in sweet and Bouquet types of perfumes.

As this material is largely used, and as the price is a function of that of Oil of Geranium which fluctuates and is at present fairly high, Rhodinol is frequently found adulterated with Geraniol or Citronellol. A careful olfactory test will most surely reveal the presence of these oils.

Rosacetol. — Has a distinct rose-like and tenacious odor. Is used as a fixative in cheap perfumes and soaps.

Salicylate, Amyl. — Colorless liquid having a strong aromatic odor reminiscent of certain orchidees.

It is one of the most satisfactory bases for Fougere and Clover perfumes — and the low price makes it doubly attractive. Musk Ambrette blends admirably with this particular product.

Salicylate, Benzyl. — Colorless liquid solidifying at low temperature.

This Salicylate has a soft, sweet odor, and is used for practically the same purpose as Benzyl Alcohol and Benzyl Benzoate, namely, as a solvent.

Salicylate, Ethyl. — Has a soft, wintergreen-like odor and has the same use as Methyl Salicylate.

Salicylate, Iso Butyl. — Has a very sweet and tenacious odor, more agreeable than that of Amyl Salicylate. It is particularly useful for Clover and Fougere types.

Salicylate, Methyl. — This material, which is artificial Wintergreen, is largely found in nature, being the principal odorous material in Oil Wintergreen. It is largely used in soap making for obtaining New Mown Hay and Meadow-sweet notes, and is also used in small quantities in fancy bouquets.

Santalol. — This alcohol is found in Oil of Sandalwood. It has a very fine and tenacious odor, making it of interest for high-class perfumery.

Strawberry. — See *specialties*. *Strawberry Aldehyde 1289*.

Terpineol. — Found extensively in nature in a number of oils, primarily as Acetate. Has a sweet, soft odor, reminiscent of Lily of the Valley and Lilac.

This is one of the most extensively used soap perfumes. When pure it must be free of Turpentine and Pine by-odors, and it should also be tested for its water content as Terpineol may dissolve up to 10% of this material. Terpineol is extensively used in giving a Lilac and Muguet note, as well as serving as a vehicle for other perfumes.

Toncarin (Methyl Coumarin). — Pure crystalline product having a melting point of 75°, with a powerful and tenacious odor reminiscent of the Tonka bean. In combination

with Coumarin it is useful for obtaining powerful effects in New Mown Hay, Fougere and Oriental odors suitable both for soap making and perfumery. It is particularly effective in creams and powders.

Vanillin. — This is one of the most largely used perfumery materials and is found in nature principally in the Vanilla bean in the proportion of 1½ to 3%, although it is present in minute quantities in numerous oils.

It has a characteristic tenacious Vanilla-bean odor, rendering it very useful as a flavoring material as well as in perfumery, where this odor makes it of interest for use in extracts having a characteristic warmth.

Vanillin can only be used in soaps which are absolutely neutral, for even slightly alkaline products will cause the Vanillin to react and a very decided violet discoloration takes place.

Vanillin is obtained primarily from Eugenol and Guaiacol. The Vanillin made from the latter, however, has an odor and taste which renders it undesirable for most uses.

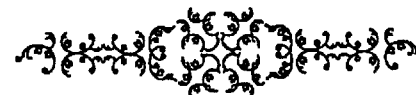
Vetivenol. — This is the alcohol present in Vetivert and it has had all impurities carefully removed. Its odor is sweeter and finer than that of Vetivert and this material is extensively used in high class compounds. We also offer Vetivenyl Acetate which has a somewhat sweeter odor.

Viridine. — Has a powerful and characteristic odor and is useful in medium-priced Lilac compounds in which it is analogous to the part played by Folione in Violet compounds.

Yara Yara (Beta Naphthol Methyl Ether). — Has a strong Acacia odor and is used in soap making for Eau de Cologne or Acacia types.

Terpenes and Residues

As a result of our various manufacturing processes, we obtain large quantities of various Terpenes and Residues, many of which still have an interesting odor value, and because of their low price, are advantageously used in soap making. We will gladly send further information regarding these by-products to those interested.



CHAPTER II

SPECIALITIES

Acacia N. — A good odor of Acacia, finer than that of Robinia. (See Robinia).

Aldehyde, Strawberry 1289. — This product, obtained from Aldehyde C-16, has a very fruity odor closely simulating that of Strawberries. It is particularly adapted for fancy perfumes as well as for lip sticks. For best results, Strawberry Aldehyde 1289 should not be used except in very weak solutions (maximum 1%).

Amarante. — A comparatively new specialty which has quickly come into favor with perfumers because of its warmth and tenacity. This makes it of interest in conjunction with the fresh perfume types now in vogue. Because of its versatility, Amarante is useful in creating a number of original odor types.

We also have two other grades: Amarante Cream, which has the same note, but will not cause discoloration in creams, and Amarante Savon 145-A, which, because of its low price can be used with interesting results in soap making.

Ambrea. — A good fixative and substitute for Ambergris or Ambreine, but with a more marked odor than the former.

Ambre Synthetic and Ambre 1226. — These two varieties of synthetic Ambres have tenacious and penetrating odors. They are particularly adapted for use in extracts having a heavy note, and are excellent fixatives for Eaux de Cologne, Lotions and Perfumes. It is not advisable to use these in soap because they are very apt to cause discoloration.

Ambreine. — Our preparation is extracted from a natural product, i. e., Gum Labdanum, and represents the active part of this gum, freed from all disagreeable odor. It has all the fixative properties of Ambergris, with a distinct character bringing out the delicacy of Amber perfume.

Perfumes with an amber odor are very fashionable just now and we especially recommend our product as representing a perfect manufacture.

Ambreinol. — This specialty is entirely different from all other synthetic Ambres and closely approaches the natural Ambergris odor, having the characteristic animal warmth of Ambergris which was heretofore impossible to imitate. Our Ambreinol is suitable in Extracts and high-grade Eaux de Cologne, to which it gives a very fine character.

Ambreol. — Is of the same class of odor as the above but much finer. This new specialty is particularly recommended for very high class perfumes, and an ideal substitute for Ambergris.

Artemisiol. — Is a novelty which we put out in 1922, and its Anis odor is original and retentive. Can be used successfully, for all kinds of specialties.

Aurantiol. — This is also a new product. It has a very distinct and interesting odor of Orange Blossom and, as such, is superior to Methyl Anthranilate, having at the same time the great advantage not to discolor or alter in any way in the course of time. Furthermore, it is rather interesting on account of the high prices actually prevailing for natural Orange Blossom essences. Very useful for Eau de Cologne preparations and other perfumes of the Neroli type. This product can be used successfully in soap.

The viscosity in 100% pure state may present certain difficulties for manipulating and therefore we offer also a less concentrated quality Aurantiol No. 50.

Begoniol. — One of our specialties, resembling Bouvardiol to some extent, but with a clearly different fresh odor.

Bergamot Synthetic and Bergamot 1472. — Have exactly the characteristic odor of natural Bergamot Oil. Their advantages are their great solubility and stability in price, considering that the natural oil is always subject to fluctuations.

Bouvardiol Pure. — One of our oldest and much appreciated specialties. Its principal use is in the composition of popular perfumes. Its odor is extremely sweet; and is easy to manipulate. Our quality Bouvardiol 1101 is of a more moderate price.

Buxine. — See Chapter 1.

Cassie Artificial. — (French Cassie, not to be confused with Chinese Cassia Oil = Cinnamon Oil.) One of our 1922 creations. The use of the natural Essence of Cassie has been more or less given up owing to its scarcity and prohibitive price. We believe that our specialty has appeared at the right moment, and are convinced that many perfumers will appreciate it. Its price is comparatively moderate and will allow it to be used in both perfumery and soap, especially Violet.

Castoreum Decolorized. — Obtained from the natural Castoreum, it has a fine penetrating and tenacious odor which retains the animal character of the natural product. It is very useful in high-grade perfumery to give warmth and an oriental character.

Cetonia. — A new odor, flowery and warm, which places at the perfumers' disposal a new and original note. It is of incomparable tenacity and fixative value, and it blends admirably in creating new perfumes of the fancy type now so much in vogue. Because of the widespread interest which has already been taken in Cetonia, we predict that it will be extensively known in the near future.

Chèvrefeuille (Honeysuckle). — A very useful base for this odor.

Chypre 668, 1046 and 1184. — Three good compounds, slightly different from each other, useful in all Chypre perfumes. Very fashionable at present.

Civette 40. — Our Civette No. 40 is prepared on the basis of natural Civet which has been freed from all fats and insoluble matter. Like natural Civet it is used in alcoholic solution but is far easier to handle.

Civet Synthetic No. 3. — This material is very low in price and is therefore an excellent fixative for moderate priced perfumery. It is very tenacious and has the advantage over similar products of not turning red when exposed to the light.

Cuir de Russie (Russian Leather). — One of our 1922 creations. Our product does not contain any Birch Tar, and furnishes a very interesting basis for soap. It is extremely powerful and retentive.

Cyclamen. — With the help of a new chemical body, we have succeeded in producing a true imitation of the odor of this flower, which is unfortunately but little known to the public, and probably also to many perfumers.

The Cyclamen flowers grow mostly in certain mountainous districts of France (more especially in Savoy) and the fresh flower loses most of its odor after having been picked. When cultivated it has no odor, but the wild flower has an extremely sweet odor as fine as that of Violet, with a distinct character of its own. Any one trying it will find that it gives a distinct character for the creation of fresh and sweet perfumes.

Daphne. — A very floral and soft base exactly reproducing the odor of Daphne in bloom.

Dianthus and Dianthus N. — Very useful for all Carnation perfumes.

Essence Styrax. — Our product is extracted from the Gum Styrax together with Cinnamic Alcohol. **Essence Styrax**, besides having a powerful odor makes an excellent fixative in perfumery and soap. One kilo of our essence replaces 50 kilos of the Gum.

Flours d'Oranger 1401. — Faithfully reproduces the odor of Orange Flower Water, which is materially different from Neroli. It can be used to advantage in extracts and for Eau de Cologne types. It does not have any fluorescence, nor has it any color.

Floreal. — A fine basis for fancy perfumes; especially suitable for toilet creams, brillantines, etc.

Foin Coupé (New Mown Hay). — Our quality "M. P." (prime material) is one of our oldest products, and has always been greatly appreciated, owing to its strength and retentive power. Most useful for ordinary soap perfumery. For extracts we recommend our quality "P. C." (Perfume Compound) which is much finer and more fragrant.

Fougere. — This note is always in demand, and we have, therefore, created a number of various Fougères, the best known of which is Fougere 596, a very fine bouquet type. Fougere 1285 is more powerful and gives very excellent results in perfumery and soap making.

Gardenia. — Ours is a good reproduction of the characteristic Gardenia odor.

Geranium Synthetic 1086. — Very useful for soap perfumery as a substitute for Geranium oil and has the advantage over natural Geranium in that its price does not vary much.

Giroflée (Wallflower). — One of our oldest creations, possessing a fine basis for freshness.

Hedera. — An Ivy perfume, original odor, very retentive, useful for the creation of novelties.

Helianthus. — Base for the creation of fancy perfumes.

Heliotropine Amorphous. — This is a crystalline product having a very fine and slightly Vanilla-like odor. It is of particular interest for use in creams and powders.

Heliotrope Blanc. — A very flowery, powerful and tenacious base. Particularly useful in Extracts and Lotions. **Heliotrope Blanc** has been specially developed in order to eliminate the red discoloration which usually accompanies similar products after some time has elapsed. We guarantee the absolute stability of our compound.

Heliotrope Concrete. — Indispensable for the preparation of good Heliotrope extracts to which it imparts a rich and remarkably fine odor. Our product is soluble in alcohol in all proportions.

Hovenia. — Very strong perfume, suitable for Oriental fancy bouquets.

Jacinthes (Hyacinths). — We manufacture three qualities:

Jacinthe Extract, Jacinthe C. 330, Jacinthe Fleurs.

Each of these three specialties has a peculiar character of its own. We would suggest that the odor of Hyacinth is suitable for Rose, Sweet Pea, Lilac and many other fancy perfumes.

Jacksonia. — Sweet Pea perfume; very interesting base for fancy novelties, to be used moderately.

Jasmins. — Jasmin is an indispensable ingredient for perfumery, and there are very few extracts which do not contain any of this essence. This is why we have created a number of varieties of Jasmin perfumes, viz:

Jasmin Blanc Extra which we recommend especially for fine extracts and which compares favorably with the best Grasse Jasmine.

Jasmin 624, 646 and Jasmin Fleurs have a different type of odor and are of more moderate price. They can very advantageously match the usual middle class Jasmin on the market.

Jasmin Savon is suitable for soap and **Jasmin 10**, can be used for soap and cheap perfumery.

Jasmo-Buxine. — Buxine, has at first a slight fatty odor which renders its use sometimes impracticable. To obviate this disadvantage, we have created **Jasmo-Buxine**, which has the same powerful olfactory note, yet does not have the fatty odor of Buxine.

Jonquille. — This product has the heavy, flowery odor of the natural Oil of Jonquille, and can be used to advantage to replace the natural oil in all bouquet perfumes.

Our **Jonquille Savon** can be used in low-priced perfumery and soap making.

Lavender 1117 and 1388. — Substitutes for the natural Oil; used in the same way, but having the advantage of a more stable price. Useful in low priced extracts and in soap.

Lavender Bouquet 1453. — Has a fancy note, making it of interest in soap perfumery.

Lilacs. — Our firm has gained an enviable reputation for the quality of our Lilacs, due to the success throughout the entire world with which our **Lilas Fleur No. 7** has been received. Because of its flowery odor and its strength it remains unsurpassed as an imitation of the natural flower. It is very versatile and is an inimitable base, being equally useful in flower types as in fancy bouquets, either of a fresh or warm character.

We also have in addition to **Lilas Fleurs No. 7**, another Lilac somewhat cheaper in price, namely, **Lilas Fleurs No. 24**. This is along similar lines as the above, but more suitable for medium-priced perfumery.

In addition to these two headliners, we have a number of other Lilacs; **Lilac No. 658** and **Lilas d'avril**. Both are of different character, and are very useful and interesting in soap making, perfumery and cosmetics.

Lotus. — A new, tenacious and powerful odor having the animal warmth, which makes it of interest for oriental type perfumes.

Lycopsis. — An original base having a strong and tenacious character, the odor of which is reminiscent of Fougere and Chypre. The price is very moderate, and this material gives excellent results in low-priced perfumery and soap making.

Malvone. — Malvone is a new product having an odor reminiscent of that of Ambrette Grains. The odor is tenacious and becomes stronger with age. Malvone can be very effectively used in perfumery.

Melittis. — An appreciated basis for the preparation of fancy perfumes. Its agreeable and characteristic odor, and also its retentive power have earned it a well merited success.

Miel. — Our two qualities, **Miel Blanc** and **Miel S**, are both very strong and can be used with interesting results in perfumery and soap making.

Mimosa. — A good reproduction of the natural essence. It has good odor value; and moderate in price.

Mousse de Chêne (Oak Moss). — We manufacture this material ourselves from the finest Moss obtainable, imported by us directly, and can guarantee, therefore, delivery of a product that is absolutely pure, and that contains only the active odoriferous materials of the Moss. Oak Moss is the basis of all Chypre and Fougere perfumes and is particularly well suited for the majority of fancy bouquets having a fresh note.

Our **Soluble Oak Moss**, being in liquid form, is very handy for it can be used directly without any manipulation. It is completely soluble in alcohol and is extensively used in perfumery and fine soap making.

For low-priced soaps we recommend our **Oak Moss Resinoids**.

Our **Oak Moss Decolorized** derives its superiority from the fact that it has been purified to the highest degree. It is of a light yellowish color, and will not cause discoloration in any perfumes. Its fresh and powerful odor makes it an incomparable raw material for fine perfumery.

Muguet. — As in the case of Lilacs, the principal odoriferous material of Muguet has never been isolated, and the reproduction of the Muguet odor is one of the outstanding successes of the perfume industry. We have available various grades of Muguets for use in perfumes, soaps, powders, creams, lotions, etc., and at widely divergent prices. We particularly recommend our **Muguet 16**, which accurately reproduces the delicate and captivating odor of the flower.

Our **Muguet 24** is similar to **Muguet 16**, but is lower in price, and therefore better suited to the needs of low-priced perfumery.

Narcissus. — A good imitation of the Narcissus flower. Useful for soap and inexpensive perfumery. Our quality **Narcissus II** is finer and constitutes an excellent base for fine quality perfumes.

Neroli. — Neroli has always been the basis for Eau de Cologne perfumes. It is also much used for perfumes with a base of Orange Blossoms.

Synthetic Neroli is certainly not as perfect as the natural essence, but the enormous difference in price makes the artificial product worthy of consideration.

We supply different qualities and especially recommend for fine perfumery our **Neroli S. F.** which is distilled over fresh flowers at Grasse and which comes much nearer to the natural essence.

Our old quality, **Neroli Synthetic**, is much appreciated, but our **Neroli No. 1140**, of recent creation, is superior in quality, having more of the fresh odor of "Neroli Petales" essence. For cheap perfumery and especially for soap our **Neroli 1069**, the price of which is not much higher than that of Paraguay Petitgrain, is highly recommended.

Oeillet (Carnation). — To this class of odor belongs our **Dianthus** already mentioned. Our **Oeillet Synthetic** is especially suitable for ordinary perfumery and soap, and our **Oeillet Fleurs 1246**, of recent introduction, imitates perfectly the odor of the flower and we confidently recommend it for fine perfumery.

Opoponax L. G. — This product has a characteristic, warm, penetrating and tenacious odor which renders it an interesting base in developing new and original perfumes. It blends very well with Ambre notes and is equally efficacious as a fixative in Chypre, Fougere, and similar extracts.

Paulownia. — One of our recent novelties useful for fancy perfumes.

Peach L. G. — A product having a characteristic, powerful and very tenacious odor. Its true note does not develop until it is in very dilute solutions. It is, therefore, a very powerful and original base and interesting in conjunction with fancy bouquets. We recommend that alcoholic solutions of from one to five percent be used.

Primula. — Of very recent introduction; an original odor especially suitable for the preparation of fancy perfumes.

Printania. — Equally a good basis for fancy perfumes.

Resinoids. — See *Ambreine, Castoreum, Oak Moss, Styrax*.

Robinia. — This recalls the odor of Acacia; very powerful and retentive. It is useful in certain fancy perfumes.

Roses. — Like Jasmin, Rose is an indispensable ingredient in perfumery. We have prepared a whole range of qualities and would mention:

Rose d'Orient 87. — May be used as a substitute for Bulgarian Otto of Roses.

Roses d'Orient 503 and 1163 are compositions of the same class as the above but of more moderate price.

We also recommend our **Rose Centifolia**, **Rose Centifolia 722**, **Rose Alpine** and as a cheaper variety for ordinary perfumery and soap our **Rose 50** and **Rose 536**, which have strong and retentive odors.

Our **Rose Rouge**, unlike the natural Otto, possesses the freshness of the flower.

In the same class we supply also **Rhodinol Rose** which has all the advantages of Rhodinol, but has a more pronounced Rose odor.

Sage Sclaree Synthetic. — Closely simulates the odor of the natural oil and can be used with success in perfumery in its various ramifications.

Sophora. — A fancy bouquet having an original and highly tenacious odor. Our Sophora is one of the best known and widely used specialties, and it makes possible many diverse and interesting combinations, as well as being a very valuable base for fancy perfumes. In order to make this material accessible to low-priced perfumery and soap making, we offer two other grades of much lower prices. These are, **Sophora 2** and **Sophora Savon 1128**.

Styrax.

Styrax Essence. — We obtain this from the Styrax Resin, of which it is the principal odoriferous material, by carefully removing all impurities and inert materials. Styrax Essence is used to advantage as a fixative in perfumes and soaps. One pound of our Essence is equivalent to 50 lbs. of Styrax Resin.

Styrax Resinoid. — This has a somewhat different note from that of the above, and it is an excellent fixative for soaps and perfumes.

Styracine. — This is a very carefully purified product having a sweet and fresh odor. It is a very fine fixative and can be used in perfumery and fancy bouquets.

Sweet Pea 284 and 365. — Both are good imitations of the Sweet Pea perfume.

Tilleul. — A successful imitation of the flower. (Linden Blossom.)

Trefol — Trefoline. — Two good bases for Clover perfumes. The latter is, however, much finer and more fragrant.

Tuberose. — Substitute for the natural essence.

Violets. — We supply several qualities of Violet, and especially recommend:

Violet N.

White Violet

Violet 316 and 319

Violet L. G.

Our **Violet 1200**, a novelty, possesses a very distinct odor of a "Bunch of Violets" and is rapidly gaining the favor of our customers.

Ylang-Ylang Synthetic and Ylang-Ylang 24 are very retentive, and extremely useful for ordinary perfumes as a substitute for the natural oil.



TABLE OF SOLUBILITY OF VARIOUS PRODUCTS IN ALCOHOL

Proportions shown are expressed in weight and the percentage solution of alcohol is expressed in volumes.

The solubilities which we give are not the exact physical constants of solubility and should not be considered as such.

This table is intended merely to give practical indications, and if our customers will be guided by them they will not have any trouble with crystallization.

PRODUCT	1 Part Soluble in:	Alcohol
	Volumes	
Acetate, Benzyl	1.5	70%
" Bornyl	2.5—3.5	70%
" Geranyl	7—8.5	70%
" Linalyl	3—5	70%
" Terpenyl	4.5	70%
Alcohol, Benzyl	1	50%
" Cinnamic	3.5—4.5	50%
" Phenyl Ethyl	2	50%
" Phenyl Propyl	3	50%
Aldehyde, Cinnamic	1.5—2.5	70%
Anthranilate, Methyl	2.5—3.5	70%
Aubepine	6—6.5	50%
Benzoate, Benzyl	7.5	80%
" Ethyl	6—7	60%
" Methyl	3.5	60%
Cinnamate, Ethyl	4—6	70%
" Methyl	1.5	70%
Citral	7	60%
Citronellal	5	70%
Citronellol	4	60%
Coumarin	8—9	70%
Dimethylhydroquinone	8—9	95%
Eugenol	4.5—5	50%
Geraniol Pure	2.5—3.5	60%
Heliotropine	10	70%
Irisone Pure	2.5—3	70%
Isoeugenol	4.5—5	50%
Jacinthe Absolute (Phenyl Acetaldehyde) ..	2.5	70%
Laurine	6.5—7	30%
Linalool	4—5.5	60%
Methyleugenol	3.5	60%
Musk Ambrette	60	95%
" Ketone	80—100	95%
" Xylol	200	95%
Rosacetol	20—22	95%
Salicylate, Amyl	2.5	90%
" Ethyl	3	80%
" Methyl	4.5—6	70%
Terpineol	3—5	60%
Toncarin	25	70%
Vanillin	5—6	70%

SUMMARY OF OUR PRODUCTS, CLASSIFIED IN TYPES OF ODOR IN ALPHABETICAL ORDER.

ODORS	Prime materials and chemicals	SPECIALTIES
ACACIA	Alcohol, Phenyl Ethyl Methyl Anthranilate Yara-Yara	Acacia N. Robinia
AMBRE	Musk Ambrette Vanillin	Ambrea Ambreine Ambreol Ambres
AUBEPINE	Aldehyde, Anisic	—
AURANTIA- CÉES- BERGAMOT	Acetate, Terpinyl Acetate, Linalyl Alcohol, Nonyl Aldehydes C', C', C'' Citral Citronellal	Bergamot Artif. " 1472
CARNATION	Eugenol Eugenol M. Iso-Eugenol Rhodinol	Dianthus Oeillet Synth. " 1246 Ylang-Ylang Synth. Ylang-Ylang 24
CASSIE	Acetate, Benzyl Aldehyde C'' Aldehyde, Cuminic	Cassie Synth.
CHYPRE	Coumarin Geraniol Rhodinol Salicylate, Amyl	Our Chypres Mousse de Chêne
CINNAMON	Aldehyde, Cinnamic	—
CIVET	—	Civette 40 " Synth. 3

ODORS	Prime materials and chemicals	SPECIALTIES
CLOVER	Benzoate, Amyl Benzoate, Isobutyl Salicylate, Amyl Salicylate, Isobutyl Musk Ambrette	Trefol Trefoline Oak Moss
CYCLAMEN	Irison Alpha Laurine Alcohol, Cinnamic Alcohol, Phenyl Ethyl	Cyclamen 1155
EAU DE COLOGNE	Acetate, Linalyl Methyl Anthranilate Cinnamate, Ethyl Cinnamate, Methyl Alcohol, Nonyl Citral B. Citral Citron Neroline Yara-Yara Nerol	Aurantiol Neroli Synth. Neroli S.F. Neroli 1140
FOUGERE	Coumarin Geraniol Salicylate, Amyl	Our Fougères " Lavenders Oak Moss
GERANIUM	Citronellol Diphenyl Oxide Geraniol Rhodinol	Geranium 1086
HAWTHORN (AUBEPINE)	Aldehyde, Anisic	—
HELIOTROPE	Benzaldehyde Bromstyrol Heliotropine Cryst. Vanillin	Heliotrope Blanc " Concrete " Liquid Heliotropine Amorphous Jasmin Blanc Extra Ylang-Ylang Syn. " " 24

ODORS	Prime materials and chemicals	SPECIALTIES
HONEY	Acid, Phenyl Acetic and its Esters	Miel Blanc Miel Savon
HONEY-SUCKLE	Alcohol, Phenyl Ethyl Heptin Carbonate, Methyl Linalool Methyl Anthranilate	Chèvrefeuille
HYACINTH	Jacinthe Absolute Acetate, Amyl Acetate, Cinnamyl Alcohol, Cinnamic Phenyl Acetaldehyde Bromstyrol	Jacinthe C. 330 " Fleurs " Extract
JASMIN	Alcohol, Benzyl Acetate, Benzyl Salicylate, Benzyl Acetate, Cinnamyl Formates Propionate, Benzyl Indol Linalool Acetate, Linalyl Methyl Anthranilate Buxine	All our Jasmins Jasmo-Buxine
JONQUILLE	Alcohol, Cinnamic Indol Salicylate, Methyl	Jonquille Synth.
LAVENDER SPIKE	Benzylidene Acetone Acetate, Citronellyl Acetate, Geranyl Acetate, Linalyl Acetate, Terpinyl	Lavender Synth.

ODORS	Prime materials and chemicals	SPECIALTIES
LEMON	Aldehyde C' Citral S. S. Citral B. " Citron	
LILAC	Acetophenone Bromstyrol Alcohol, Cinnamic Laurine Linalool Terpineol Phenyl Acetaldehyde Viridine	All our Lilacs Jacinthes
LILY OF THE VALLEY	Aldehyde C" Irisone Alpha 100% Laurine Linalool Linalool M. Terpineol	All our Muguets
TILLEUL (LINDEN)	Alcohol, Phenyl Ethyl Folione Laurine	Tilleul —
MIMOSA	Benzylidene Acetone Methyl Acetophenone Terpineol	Mimosa
NARCISSUS	Acetate, Paracresyl Alcohol, Cinnamic Linalool Terpineol	Narcissus Narcissus II
NEROLI	Methyl Anthranilate Alcohol, Phenyl Ethyl Oranger Crystals	All our Nerolis Aurantiol

ODORS	Prime materials and chemicals	SPECIALTIES
NEW MOWN HAY	Acetophenone Alcohol, Cinnamic Alcohol, Phenyl Propyl Benzylidene Acetone Benzoate, Ethyl Benzoate, Methyl Coumarin Methyl Acetophenone Salicylate, Methyl	Foin Coupé
ORANGE	Aldehyde C'	Aurantiol
ORANGE BLOSSOM	Alcohol, Phenyl Ethyl Methyl Anthranilate Neroline Oranger Crystals	Aurantiol Our Nerolis Artif.
ROSE	Acid, Phenyl Acetic Alcohol, Phenyl Ethyl Alcohol, Cinnamic Alcohol, Phenyl Propyl Aldehydes C' and C" Bromstyrol Acetate, Cinnamyl Citronellol Geraniol Irisone Alpha 100% Linalool Rhodinol Acetate, Rhodinyl Neroli Pelargol Rosacetol	All our Roses Jacinthes
SWEET PEA	Methyl Anthranilate Linolool Heptin Carbonate, Methyl Alcohol, Cinnamic	Aurantiol Jacksonia Sweet Pea 284 Our Jacinthes

ODORS	Prime materials and chemicals	SPECIALTIES
SYRINGA	Acetophenone Benzylidene Acetone	Syringa
TUBEROSE	Aldehyde C ¹¹ Formate, Benzyl Formate, Cinnamyl	Tuberose
VIOLET	All our Irisones Ceto-Violette Raldeines Heptin Carbonate, Methyl	All our Violets Cassie Artif.
WALL- FLOWER	Aldehyde, Anisic Eugenol Irisone	Giroflée Jasmins
YLANG- YLANG	Alcohol, Benzyl Acetate, Benzyl Geraniol Pure Linalool Acetate, Linalyl Methyl Eugenol Methyl Isoeugenol Methyl Paracresol	Ylang-Ylang Syn. Ylang-Ylang 24

NB. The preceding is only a summary of the various uses of each article as shown in chapters I and II and is not to be considered as a basis for the creation of definite and complete formulae in the different types of odors. The same remarks apply to the following tables.

Bases for Fancy Extracts:

Amarante	Dianthus	Jasmo-Buxine	Opoponax
Artemisiol	Glycine	Laurine	Paulownia
Begoniol	Hedera	Lotus	Peach
Bouvardiol	Helianthus	Lycopsis	Primula
Cetonia	Hovenia	Magnolia	Printania
Chypres	Jacinthe	Melittis	Sophora
Cuir de Russie	Jacksonia	Oak Moss	Tilleul, etc.

Raw Materials Recommended for Soaps:

Acetanisol	Bromstyrol	Irisone for Soap
Acetate, Benzyl	Buxine	Irisone Terpenes
" Geranyl	Citral S.S.	Isoeugenol
" Terpenyl	Citronellal	Laurine
Acetophenone	Citronellol	Methyl Anthranilate
Acid, Cinnamic	Coumarin	Neroline
" Phenylacetic	Diphenyl Oxide	Musks
Alcohol, Cinnamic	Eugenol	Oranger Crystals
" Phenyl Ethyl	Folione	Phenylacetates (all)
Aldehyde, Benzoic	Geraniol for Soap	Raldeines
Aubepine	Heliotropine Recryst.	Salicylates (all)
Benzylidene-Acetone	Irisone Pure	Terpineol
Benzoates (all)	" Beta	Yara-Yara
Benzophenone	Irisone Brut	Terpenes and Residues, etc.

Specialties Recommended for Soaps:

Ambreine	Jasmin 10	Printania for Soap
Aurantiol	Jasmin d'Espagne	Rose 50
Bergamot Synthetic 1472	Lavenders	" 536
Carnation	Lilas d'Espagne	" Centifolia 722
Cassie Savon	Lycopsis	" d'Orient 1163
Cuir de Russie	Miele	" " 503
Foin Coupe M. P.	Mimosa	Sophora Savon 1128
Geranium 1086	Narcissus	Trefol
Glycine	Neroli Synthetic 1069	Trefoline
Jasmin for Soap	Primula for Soap	Ylang 24, etc.

SOLVENTS: Glycerine Acetates - Alcohol, Benzyl - Benzoate, Benzyl - Neantine - Salicylate, Benzyl.

FIXATIVES: Acetate, Cinnamyl - Acid, Cinnamic - Alcohol, Cinnamic - Alcohol, Phenyl Propyl - Benzoate, Benzyl - Cinnamate, Benzyl - Cinnamate, Ethyl - Cinnamate, Methyl - Musks - Ambre - Ambreine - Ambreineol - Ambreol - Castoreum Decolorized - Essence Styrax - Styracine - Civets.

Attachment 5C
1962 Production Information

877240783

PRODUCTION ET VENTES - 1962

en kilogrammes

GROUPE GIVAUDAN

Direction Technique Groupe

Max Luthy

Catherine Jászénzky

Delawanna, N.J.

June 5, 1963

877240784

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Abitol	Arg.					
	Brazil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Acaciol	Vernier		1,371	673	989	1,363
	Whytel.					
	Totale		1,371	673	989	1,363
	Arg.	1				1
	Brazil					
	Esrolko					
	Delaw.					
Acetal Diphenyl Ethylique	Iberica					
	Icmesa					
	Lyon	2				
	Vernier	2				
	Whytel.					
	Totale	5				1
	Arg.					
Acetal Di- propylique (Dipropyl- acetal)	Brazil					
	Esrolko			20	20	
	Delaw.	26		35		
	Iberica					
	Icmesa					
	Lyon					
	Vernier	6				
Acetal Glycérique de l'Aldehyde Benzoïque	Whytel.					
	Totale	32		55	20	
	Arg.					
	Brazil					
	Esrolko					
	Delaw.			846	1,436	
	Iberica					
Acetal Glycérique de l'Aldehyde Phénylacétique	Icmesa					
	Lyon					
	Vernier					
	Whytel.			846	1,436	
	Totale					
	Arg.					
	Brazil					
Acetal Glycérique de l'Aldehyde Phénylacétique	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	5		30	30	
	Whytel.					
Acetal Glycérique de l'Aldehyde Phénylacétique	Totale	5		30	30	
	Arg.					
	Brazil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Acetal Glycérique de l'Aldehyde Phénylacétique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Brazil					
	Esrolko					
Acetal Glycérique de l'Aldehyde Phénylacétique	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteé
Acetate Butyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	24		1	37	
	Whytel.					
	Totale	24		1	37	410
Acetate p-tert.- Butyle Cyclohexyle	Arg.			300		
	Bresil					
	Esrolko					
	Delaw.					
	Iberica			55	70	
	Icmesa					
	Lyon	75				
	Vernier	1,429		1,067		2,575
	Whytel.	1,417		141	1,643	
	Totale	2,921		1,563	1,713	2,985
Acetate Cedzyle	Arg.	13		1	380	33
	Bresil					
	Esrolko	36		115		193
	Delaw.	10,167		17,774	31,022	
	Iberica	56	9	13		
	Icmesa					500
	Lyon	386		56		
	Vernier	1,772	5,403	997	2,512	3,089
	Whytel.	910		224	1,073	
	Totale	13,340	5,412	19,180	34,987	3,815
Acetate Cinnamyle	Arg.				35	
	Bresil					
	Esrolko			131	1,197	
	Delaw.	366				
	Iberica	3				
	Icmesa			13		
	Lyon	64		31	188	
	Vernier	164		141		
	Whytel.	4				
	Totale	641		316	1,420	1
Acetate Citronellyle	Arg.	1			248	
	Bresil			1		1
	Esrolko			40	3,480	45
	Delaw.	2,303		3		
	Iberica	10				
	Icmesa			729	836	
	Lyon	1,217		237	347	
	Vernier	344		28	23	
	Whytel.	75		1,038	4,934	46
	Totale	3,950				5
Acetate p-Cresyle	Arg.			13		15
	Bresil					
	Esrolko	5		79	491	
	Delaw.	617				
	Iberica	1				
	Icmesa			3	121	
	Lyon	127		5	649	
	Vernier	598		20		28
	Whytel.	19		120	1,261	48
	Totale	1,367				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteé
Acetate Cyclohexyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	3			7	
	Whytel.					
	Totale	3			7	
Acetate Decyle	Arg.					
	Bresil					
	Esrolko					2
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	8				
	Whytel.					
	Totale	8				2
Acetate Dihydro Carvyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	1			4	
	Whytel.					
	Totale	1			4	
Acetate Dimethyle Benzyle Carbinol	Arg.	17		16		60
	Bresil				3	
	Esrolko	35		20		50
	Delaw.	1,940		182	1,303	
	Iberica	17		25		
	Icmesa					
	Lyon	404				
	Vernier	3,079			3,011	
	Whytel.	1,205		19	773	
	Totale	6,697		262	5,090	110
Acetate Duodecyle	Arg.					
	Bresil					
	Esrolko					2
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	10	1		10	
	Whytel.	8				7
	Totale	18	1		10	9
Acetate Elemyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa			6		
	Lyon					
	Vernier		697		506	
	Whytel.					
	Totale		697	6	506	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetate Ethyle	Arg.					
	Bresil		1,699	581		2,480
	Esrolko					
	Delaw.					
	Iberica	2		17		
	Icmesa		747	4		941
	Lyon	6		18	175 R	26,537
Totale	Vernier	223	22,351	3		1,020
	Whytel.				175	30,978
		231	24,797	623		
Acetate Eugenol (Acetyl Eugenol)	Arg.					
	Bresil					
	Esrolko					
	Delaw.	132			182	
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	1				
	Whytel.				182	
		133				
Acetate Farnesyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		113		113	
	Whytel.				113	
			113			
Acetate Gaiol	Arg.				6	
	Bresil			58		50
	Esrolko			17	605	
	Delaw.	17				
	Iberica	7				
	Icmesa			12	48	
	Lyon	78		22	418	
Totale	Vernier	105	40	10		15
	Whytel.	16		119	1,077	65
		377	40	13		
Acetate Geranyle	Arg.	4			328	
	Bresil			164		175
	Esrolko	16		879	375	
	Delaw.	1,787	416	21		175
	Iberica	232	20			
	Icmesa			134	160	
	Lyon	98		376	376	
Totale	Vernier	1,037		2,280	1,167	
	Whytel.	38		164	36	150
		3,212	436	3,855	2,382	500
Acetate Geranium	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa			39		
	Lyon					
Totale	Vernier	1				
	Whytel.			40		1
		1				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetate β - δ - Hexenyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					60
	Icmesa					
	Lyon					
Totale	Vernier	1			2	
	Whytel.					
		1			2	60
Acetate Hexyl (Dorisey!)	Arg.					
	Bresil					
	Esrolko			254		600
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
				254		600
Acetate Isobutyle	Arg.					
	Bresil					
	Esrolko	5		54		100
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	150			125	
Totale	Vernier	42				
	Whytel.			3		
		197		57	125	100
Acetate Isoeugenol	Arg.					
	Bresil					
	Esrolko					
	Delaw.	7		9	20	
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.			9	20	
		7				
Acetate Isolinale	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					6
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
						6
Acetate Isopulegol	Arg.					
	Bresil					
	Esrolko					
	Delaw.	41			104	
	Iberica					7
	Icmesa					
	Lyon					
Totale	Vernier	1			2	
	Whytel.					
		42			106	7

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetate Linalyle	Arg.	2,562		150	1,190	3,900
	Bresil					
	Esrolko	324		650		948
	Delaw.	16,007		5,998		13,623
	Iberica	554	183	252		
	Icmesa				568	
	Lyon	1,489	30	2,570	5,120	
Totale	Vernier	9,387	7,806	7,246	11,646	19,649
	Whytel.	2,800		944	3,175	3,048
		33,123	8,019	17,810	21,716	41,168
		7		12		10
Acetate Menthyle (Acetate Di- hydro Terpenyle)	Arg.					
	Bresil					
	Esrolko			856	13,590	
	Delaw.	8,135		16		20
	Iberica	6				
	Icmesa					336
	Lyon	333		173	6,033	
Totale	Vernier	7,101		33	1,060	
	Whytel.	610		1,091	20,683	366
		16,392				
Acetate Menthyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2,263			2,312	
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	1				
	Whytel.					
		2,266			2,312	
Acetate p-Methyl- benzyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	80	42	2	143	
	Whytel.			2	143	
		81	42	1		25
		11				
Acetate Methyl- phenyle Carbi- nyle (Gardenol) (Acetate Styrallyle)	Arg.					
	Bresil			72		75
	Esrolko	2		376	6,553	
	Delaw.	6,732		17		
	Iberica	46	10			
	Icmesa			32		600
	Lyon	177		733	4,253	
Totale	Vernier	2,100		48		167
	Whytel.	198		1,279	10,806	857
		9,266	10			
Acetate Neryle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					8
	Lyon	9		160	146	
Totale	Vernier	27				
	Whytel.	4		160	146	8
		40				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetate Nonyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	50		2	67	
	Whytel.					
		50		2	67	
Acetate Octyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	16				22
Totale	Vernier	62		1	55	
	Whytel.	1				1
		79		1	55	25
		4				3
Acetate P.A.	Arg.					
	Bresil					
	Esrolko					
	Delaw.	74		72	197	
	Iberica					
	Icmesa					
	Lyon	6				7
Totale	Vernier	329		5	332	70
	Whytel.	49				80
		462		77	529	20
				1		
Acetate Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko			13		10
	Delaw.	9,242		1,365	10,502	
	Iberica	14	8	49		
	Icmesa				997	
	Lyon	1,187		774	7,331	
Totale	Vernier	281		204	1,062	
	Whytel.	1,238		85	1,825	
		11,959	8	1,828	16,307	10
Acetate Phenyl- propyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	3,645		9	4,472	
	Iberica					
	Icmesa					
	Lyon	521			449	
Totale	Vernier	57				
	Whytel.	7		2		7
		4,230		11	4,921	7
Acetate Rhodinye	Arg.					
	Bresil					
	Esrolko					
	Delaw.	22		5		
	Iberica	1				
	Icmesa					
	Lyon	27		19	17	
Totale	Vernier	27		3		
	Whytel.	7		2	7	
		84		29	24	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetate Santalyle	Arg.					
	Brazil					
	Esrolko					
	Delaw.	11		1		
	Iberica	2		2		
	Icmesa					2
	Lyon	1				
Acetate Sodium	Vernier	4				
	Whytel.					2
	Totale	18		3		
	Arg.				397	
	Brazil					
	Esrolko					
	Delaw.				93,247	
Acetate Terpenyle	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.				93,644	
	Totale	120		120		500
	Arg.				1,714	
Acetate Vetivenyle (Vetacetylg LG)	Brazil					2,050
	Esrolko	30		1,551		
	Delaw.	24,668		7,986	49,458	
	Iberica	4	45	48	72	
	Icmesa				13,736	
	Lyon	1,522		4,869		6,391
	Vernier	2,775	10	4,042	7,027	
Acetate Vetivenyle (Vetacetylg LG)	Whytel.	50		-1,323	325	2,289
	Totale	29,189	55	19,919	72,332	11,230
	Arg.			10		15
	Brazil				208	
	Esrolko	30		240		270
	Delaw.	858		219	1,035	
	Iberica	326	20	21		145
Acetone	Icmesa					
	Lyon	104		1	231	23
	Vernier	1,711	84	1,448	3,578	
	Whytel.	830		75	976	
	Totale	3,659	104	2,014	6,028	453
	Arg.					
	Brazil					
Acetophenone	Esrolko					
	Delaw.					
	Iberica				111,690	
	Icmesa					
	Lyon					
	Vernier					
	Whytel.				111,690	
Acetophenone	Totale			8		
	Arg.					
	Brazil					
	Esrolko					
	Delaw.	1,802		753	2,997	45
	Iberica	15	3	3	15	234
	Icmesa					75
Acetophenone	Lyon	16	50	11		5,911
	Vernier	141	11,217	238		450
	Whytel.			51		
	Totale	1,974	11,270	1,064	3,012	6,715

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetyl Acetate de Méthyle	Arg.					
	Bresil					
	Esrolko		92			120
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
			92			120
Acetyl anthranilate Méthyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon			1,847	1,090	
Totale	Vernier			1,847	1,090	
	Whytel.					
Acetyl Cedrene	Arg.					
	Bresil					
	Esrolko					
	Delaw.			191		200
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	202		12		
	Whytel.			385	455	
		202		488	455	200
Acetyl Isocoumarol	Arg.					
	Bresil					
	Esrolko					
	Delaw.		1			8
	Iberica			4		
	Icmesa					
	Lyon					
Totale	Vernier	12			17	
	Whytel.	87		4		
		33		4		35
		133		12	17	43
Acetyl Propionyl	Arg.					
	Bresil					
	Esrolko					
	Delaw.		2			
	Iberica			51	95	
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
		2		51	95	
Acetyl Tetraline	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		99		109	
	Whytel.					
			99		109	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Acide Ambreïnique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		831		831	
Totale			831		831	
Acide Ambrettolique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		34		68	
Totale			34		68	
Acide Angelique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.				15	
Totale					15	
Acide Benzene- Sulfonique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.				374,310	
Totale					374,310	
Acide Benzoyl Diphenyl Sulfonique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		32		32	
Totale			32		32	
Acide Butirique Rect.	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.				66	
Totale					66	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Acide C-6	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			2		2
Totale				2		2
Acide C-13	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		8		8	
Totale			8		8	
Acide C-14 M Pur.	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		1	3	25	
Totale			1	3	25	
Acide C-110	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		341		304	
Totale			341		304	
Acide Camphre Sulfonique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		39		99	
Totale			39		99	
Acide Chlor- hydrique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.				658,000	
Totale					658,000	

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acide Cinnamique	Arg.			1		
	Bresil			30		30
	Esrolko	5		10		
	Delaw.	5				5
	Iberica					
	Icmesa	902	704	11	641 R	1,500
	Lyon	71	2,360	30		2,000
Total	Vernier			10		23
	Whytel.	983	3,064	92	641	3,558
Acide α - β - Dodecylénique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		23			
Total	Vernier					
	Whytel.		23			
Acide Heptène Carbonique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa	202	1,401		1,807	
	Lyon		400			400
Total	Vernier		200			200
	Whytel.	202	2,001		1,807	600
Acide Isovalérique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	501	225			900
Total	Vernier					
	Whytel.	501	225			900
Acide p-Méthoxy Cinnamique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		339		752	
Total	Vernier					
	Whytel.		339		752	
Acide 2-Naphtalène Sulfonique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa		5		5	
	Lyon		63		133	
Total	Vernier					
	Whytel.		68		138	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acide Octène Carbonique	Arg.					
	Bresil					
	Esrolko	2				2
	Delaw.					
	Iberica					
	Icmesa	252	125		530	
	Lyon		150			150
Total	Vernier		100			100
	Whytel.	254	375		530	252
Acide β -Oxy Butyrique	Arg.					
	Bresil					
	Esrolko	53			53	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Total	Vernier					
	Whytel.	53			53	
Acide Palmitique	Arg.					
	Bresil					
	Esrolko					
	Delaw.				225	
	Iberica					
	Icmesa					
	Lyon					
Total	Vernier					
	Whytel.				225	
Acide Phenoxy- acétique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	344			588	
Total	Vernier					
	Whytel.	344			588	
Acide Phényl- acétique	Arg.	1		6		7
	Bresil					
	Esrolko		8	119		125
	Delaw.	2,163	3,982	357	6,283	
	Iberica	9	8	18		10
	Icmesa				103,800	
	Lyon	48	781	162	339	1,300
Total	Vernier	1,461	2,247	449		1,120
	Whytel.	4		39		229
Acide Prunolique	Arg.	3,686	7,026	1,150	104,422	2,791
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		1,190		1,071	
Total	Vernier					
	Whytel.		1,190		1,071	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acide Sulfanilique	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica				774	
	Icmesa					
Acide Toluene Sulfonique	Lyon					
	Vernier					
	Whytel.				774	
	Totale					
	Arg.					
	Bresil					
Acide Tiglique	Eserolko					
	Delaw.	45				
	Iberica					
	Icmesa					
	Lyon		5		2,583	
	Vernier		1,924			76
Acide Tribromo AL	Whytel.				2,583	76
	Totale	45	1,929			
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Adoxal	Iberica					
	Icmesa					
	Lyon	262	296		562	
	Vernier					
	Whytel.				562	
	Totale	262	296			
Adherol A (Laurate Strontium)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Adherol M (Myristate Magnesium)	Lyon		194		194	
	Vernier					
	Whytel.		194		194	
	Totale					
	Arg.					
	Bresil					
Alcool a-Amyl Cinnamique (Buxinol)	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool Anisique	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Benzylque	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool p-tert. - Butyl Benzylque	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool a-Amyl Cinnamique (Buxinol)	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Anisique	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool p-tert. - Butyl Benzylque	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Benzylque	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool p-tert. - Butyl Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Anisique	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Benzylque	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool p-tert. - Butyl Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Anisique	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Benzylque	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool p-tert. - Butyl Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Anisique	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Benzylque	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool p-tert. - Butyl Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Anisique	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Benzylque	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool p-tert. - Butyl Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Anisique	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Alcool Benzylque	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Alcool p-tert. - Butyl Benzylque	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Alcool Anisique	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Alcool a-Amyl Cinnamique (Buxinol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Alcool Anisique	Lyon					
	Vernier					
	Whytel.					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Alcool p-tert.- Butyle Cyclohexyle	Arg.					1,092
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Alcool C-8	Vernier					
	Whytel.					1,092
	Totale	25				25
	Arg.					
	Bresil					
	Eserolko		1	6		10
	Delaw.	1,405		6	2,806	
Alcool C-9	Iberica					
	Icmesa			1		
	Lyon	77		3	327 R	2,023
	Vernier	196	1,109		835 R	958
	Whytel.	609		16	3,968	3,016
	Totale	2,312	1,110			10
	Arg.	10				
Alcool C-10	Bresil			44		47
	Eserolko	3		1		29
	Delaw.	34				1
	Iberica	1				
	Icmesa					10
	Lyon	26		2	163	
	Vernier	103	50			5
Alcool C-11 (Undecylique)	Whytel.	5		47	163	102
	Totale	182	50			2
	Arg.					
	Bresil					
	Eserolko			3		3
	Delaw.	19		2	159	
	Iberica					
Alcool C-12 Laurique	Icmesa					
	Lyon	793		21		
	Vernier	154	125	2	185	
	Whytel.	6				6
	Totale	972	125	28	344	11
	Arg.					
	Bresil					
Alcool C-13 (Undecylique)	Eserolko			3		3
	Delaw.	26		192	212	
	Iberica					
	Icmesa					
	Lyon	57		11	224	80
	Vernier	153		3		25
	Whytel.	35		209	436	108
Alcool C-14 Laurique	Totale	271				
	Arg.					
	Bresil					
	Eserolko					
	Delaw.		1	9		10
	Iberica					
	Icmesa					
Alcool C-15 Laurique	Lyon	41		2	47 R	274
	Vernier	60	135	3	85 R	7
	Whytel.	9				
	Totale	111	135	14	132	291

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Alcool Cyclamen	Arg.					
	Bresil					
	Esrolko					
	Delaw.			425		
	Iberica					
	Icmesa					
	Lyon				1,142	
Totale	Vernier		18			
	Whytel.		18	425	1,142	
Alcool Cystique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				201	
Totale	Vernier		14	188		
	Whytel.		14	188	201	
Alcool DHC	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				110	
Totale	Vernier					
	Whytel.				110	
Alcool Isobutyle	Arg.					
	Bresil					
	Esrolko		176			167
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.		176			167
Alcool Lilique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				1,223	
Totale	Vernier		1,409			
	Whytel.		1,409		1,223	
Alcool Perillique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				35	35
Totale	Vernier	36				
	Whytel.	36		35	35	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro. on Totale	Quantité Achetée
Alcool Phenyl- ethylque (Pierethol)	Arg.	15		338		1,000
	Bresil				13,892	
	Esrolko	76	342	2,569		3,106
	Delaw.	37,308	11,439	21,159		57,272
	Iberica	1,139	138	124	3	700
	Icmesa				30,213	
	Lyon	30,763	1,937	12,839		49,642
Totale	Vernier	18,662	21,104	9,805		38,647
	Whytel.	35,999	1,313	1,592		36,400
Alcool Phenyl- propylique	Arg.	1		2		
	Bresil				168,797	62,480
	Esrolko					
	Delaw.	3,184		779		5,456
	Iberica	9	3	1		5
	Icmesa					
	Lyon	205	435	402		900
Totale	Vernier	293	31	2,217		2,844
	Whytel.	192		194		
Alcool N-Propylique	Arg.	3,884	469	3,595		7
	Bresil					
	Esrolko		25			50
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.		25			50
Aldehyde a-Amyl Cinnamique (Buxine)	Arg.	30		13		175
	Bresil				2,755	
	Esrolko	5		1,183		1,100
	Delaw.	21,576		9,084		43,436
	Iberica	136	50	5		188
	Icmesa					
	Lyon	1,129		412		1,622
Totale	Vernier	6,148	1,666	7,152		13,699
	Whytel.	853		384		1,066
Aldehyde Benzoique	Arg.	29,877	1,716	18,233		62,966
	Bresil				443	
	Esrolko	475	850	154		1,600
	Delaw.					
	Iberica	44			108	
	Icmesa				453,019	
	Lyon	7	2,050	23		2,750
Totale	Vernier	442		61		600
	Whytel.					
Aldehyde a-Butyle Cinnamique	Arg.	968	2,900	238		4,955
	Bresil				463,570	
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					1
	Whytel.					1

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Aldehyde p-tert. - Butyl Benzolique	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	3,157	67,140		72,504	
Totale		5,157	115,030		97,753	5,081
Aldehyde C-7	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.				427 R 427	40
Totale		11				
Aldehyde C-8 (Aldehyde Octylique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	4 448 5	815	1	1,725	5
Totale		977	1,258	5	2,619	49 20
Aldehyde C-9 (Aldehyde Nonylique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	8 6 544 13		4 32 1	471	20 5
Totale		1,060	107	42 1	838	45 50
Aldehyde C-10 (Aldehyde Decylique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	25 29 1,983 33		12 310 4	2,868	41 16
Totale		3,223	26	520 7	3,912	107 75
Aldehyde C-11 (Aldehyde Un- decylenique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	36 27 3,212 18		60 1,073 7	4,897	87 5
Totale		4,134	646	1,462	6,506	178

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Aldehyde C-12 L Arg. (Aldehyde Laurique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	6 17 3,730 17		16 20 1,022 3	4,288	35 37 15
Totale		4,758	99	1,312	5,460	497 26
Aldehyde C-12 MNA	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	14 9 844 13		43 69 2	488	45
Totale		2,999	2	880	2,196	171
Aldehyde C-13	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			1		1
Totale		3		1	5	1
Aldehyde C-14 (Aldehyde Myristique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			1 3	24	
Totale		45		5	46	5
Aldehyde C-110 (Aldehyde Undecylique)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			3	492	3 3
Totale		779		113	713	10
Aldehyde C-113 (Aldehyde Methyl Dodecyle)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			8		
Totale				8		

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Aldehyde C-130	Arg.			1		1
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Aldehyde Cinnamique	Lyon			2		2
	Vernier	3		3		
	Whytel.					
	Totale	3		6		3
	Arg.				872	15
	Bresil					
Aldehyde Cuminique (Cuminal)	Esrolko		95	553		300
	Delaw.	15,349	12,863	5,888		49,875
	Iberica	1,762	12	20		500
	Icmesa				360,733	
	Lyon	103	5,000	2	100 R	5,000
	Vernier	5,427	1,885	176		8,600
Aldehyde Cyclamen	Whytel.		962	981		1,924
	Totale	22,641	40,817	5,620	361,705	67,214
	Arg.					1
	Bresil					
	Esrolko					
	Delaw.	2,540	21,225	3	23,334	
Aldehyde a-Hexyl Cinnamique	Iberica	4				
	Icmesa					
	Lyon	270			23	265
	Vernier	353	30,299	10	12,727	
	Whytel.	1,059	14,501		15,560	
	Totale	4,226	66,025	13	51,644	266
Aldehyde a-Methyle Cinnamique		9		3		32
	Arg.					
	Bresil					
	Esrolko			402		500
	Delaw.	27,620		676	24,685	
	Iberica	45	4	4		35
Aldehyde Methylhexyle Acetique	Icmesa					
	Lyon	1,176		1,250		2,175
	Vernier	10,550	82	1,785	9,070	
	Whytel.	8,753		116	9,750	
	Totale	48,160	86	4,236	43,505	2,742
	Arg.					
Aldehyde p-Methyle Hydratropique	Bresil			2		2
	Esrolko					
	Delaw.	487		308	1,303	
	Iberica	10	1	10		
	Icmesa					
	Lyon	1		1		1
Aldehyde Hydratropique	Vernier	316		130	557	
	Whytel.	12		18		24
	Totale	826	1	470	1,860	27
	Arg.					
	Bresil					
	Esrolko			3		3
Aldehyde a-Methyle p-Isopropyle Cinnamique (Dehydro Aldehyde Cyclamen) (Aldehyde Condensé)	Delaw.	4,010		64	5,517	
	Iberica					
	Icmesa					
	Lyon	6				9
	Vernier	287	178	7	223	227
	Whytel.	372		4	520 R	400
Aldehyde Isovalerique	Totale	4,675	178	78	4,254	639
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Aldehyde Isovalerique	Arg.					
	Bresil					
	Esrolko					
	Delaw.		68	1		
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale		68	3		
Aldehyde α-Méthyle p-tert.-Butyle Cinnamique (Dehydro Lilial)	Arg.					
	Bresil					
	Esrolko					
	Delaw.		64,227		64,227	
	Iberica					
	Icmesa					
	Lyon					
	Vernier		24,830		19,758	
	Whytel.					
	Totale		89,057		83,985	
Aldehyde α-Méthyle Cinnamique	Arg.					
	Bresil					
	Esrolko					
	Delaw.	1,633		817	1,088	
	Iberica					
	Icmesa					
	Lyon	1				
	Vernier					
	Whytel.					
	Totale	1,634		817	1,088	
Aldehyde Méthylhexyle Acétique	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	2				
	Whytel.					
	Totale	2				
Aldehyde p-Méthyle Hydratropique	Arg.					
	Bresil					
	Esrolko					
	Delaw.	10			5	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	10			5	
Aldehyde α-Méthyle p-Isopropyle Cinnamique (Dehydro Aldehyde Cyclamen) (Aldehyde Condensé)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
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	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
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	Bresil					
	Esrolko					
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	Vernier					
	Whytel.					
	Totale					
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	Totale					
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	Icmesa					
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	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
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	Bresil					
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	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Aldehyde p-Methylphenyle Acétique (Aldehyde Syringa)	Arg.					
	Bresil					
	Eserolko			7		7
	Delaw.	1			3	
	Iberica					
	Icmesa			1		39
	Lyon	39		27	65	
Totale	Vernier	66				13
	Whytel.	13		35	68	59
		119				
Aldehyde p-Oxy- benzoïque	Arg.					
	Bresil					
	Eserolko			595		749
	Delaw.					1
	Iberica					
	Icmesa		1,026			
	Lyon					4,427
Totale	Vernier	749				
	Whytel.					
		749	1,026	595		5,177
				14	564	100
						215
Aldehyde Phenylacétique	Arg.					
	Bresil					
	Eserolko	6	152	57		
	Delaw.	3,386	206	1,065	4,530	
	Iberica	39	5	2		20
	Icmesa					
	Lyon	193	47	43	276	
Totale	Vernier	1,340	1,399	730	4,923	
	Whytel.	1,420	896	92	2,298	
		6,385	2,707	2,003	12,591	335
Aldehyde Phenylpropionique	Arg.					
	Bresil					
	Eserolko			3	132	11
	Delaw.	89		3		
	Iberica					
	Icmesa					25
	Lyon	15				
Totale	Vernier	128		53		
	Whytel.	140		6	175	
		372		65	307	36
Aldehyde PV 178	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					5
Totale	Vernier	1				
	Whytel.					
		1				5
Aldehyde Salicylique	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica				1,400	
	Icmesa					
	Lyon					12 R
Totale	Vernier	6	13			2,145
	Whytel.					
		6	13		1,412	2,145

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro- duction Totale	Quantité Achetée
Aldehyde p-Tolulique	Arg.					
	Bresil					
	Eserolko	4		16		20
	Delaw.	234			24	
	Iberica	1				1
	Icmesa					
	Lyon	35				25
Totale	Vernier	78	160		731	
	Whytel.	16				16
		368	160	16	755	62
Aldehyde Veratrique	Arg.					
	Bresil					
	Eserolko					
	Delaw.	222	376		568	
	Iberica					
	Icmesa					
	Lyon	1				1
Totale	Vernier	24			57	
	Whytel.	8				2
		255	376		625	3
Aldehyde Vetiver	Arg.					
	Bresil					
	Eserolko				50	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
					50	
Alliage Nickel Alumin Lingots	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier				10	
	Whytel.					
					10	
Alliage Nickel Alumin Poudre	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		32			100
Totale	Vernier		100			
	Whytel.		305			300
			437			400
Alis mone (2-Heptyl Cyclopentanone)	Arg.					
	Bresil					
	Eserolko			3		4
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	1		1		1
Totale	Vernier	17				
	Whytel.	3				3
		21		4		8

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Aluminium Poudre Lavé	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
Totale					10	
Ambelinate Butyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		400		199	
Totale			400	8	199	20
Ambreine	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	4				
Totale		48	1	125	117	7
Ambrelnol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	1		2	59	
Totale		5	1,050	136	1,033	15
Ambrettine	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	175		16	42	
Totale		5	320	1	1,209	1
Ambrelnol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	238	1,051			
Totale		238	1,051	320	1	
Ambrettine	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	1	1	3		1
Totale		23		3		8
Ambrettine	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	24	1	14		
Totale		265			302	
Ambrettolide	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	265			302	
Totale		2				15
Ambrettolide	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	14	27	3	45	10
Totale		43		2	45	6
Ambrettolide	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	4		5		31
Totale		63	27			

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro. on Totale	Quantité Achetée
Ambrogene	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		3,062			
Totale		2,123	84,221		88,304	5,175
Ambrol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
Totale		3,056	29,049		32,930	
Ambrol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	5,179	116,332		121,234	5,175
Ambrol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	1	103		182	100
Totale		100	89,318		16,523	
Ambrol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	101	89,421		16,705	100
Amphisol (Pyrophosphate de Diethano- lamine)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
Totale		28				250
Anethol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	232			1,246	
Totale		1,877			1,246	250
Anethol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	2,137				
Totale		497		692	1,571	
Anethol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	5,352		211	10	10
Totale		1			195	
Anethol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	3,000	30		3,050	
Totale		14,158	23,604	81	22,748	8,631
Anethol	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	23,007	23,654	984	22,953	14,620
Anhydrol All	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
Totale		13			13	
Anhydrol Baume Perou	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	13			13	
Totale		2		1,510	2,272	
Anhydrol Baume Perou	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					6
Totale		44		60		3
Anhydrol Baume Perou	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	3		1		9
Totale		49		1,575	2,272	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Anhydrol Café	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	1			1	
	Whytel.					
Totale		1			1	
Anhydrol Castoreum	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	1				1
	Vernier	31		1	45	
	Whytel.					
Totale		32		1	45	1
Anhydrol Elemi	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	54			90	
	Whytel.					
Totale		54			90	
Anhydrol Encens	Arg.					
	Bresil			50		50
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	51			39	
	Whytel.					
Totale		51		50	39	50
Anhydrol Fir Balsam	Arg.					
	Bresil					
	Esrolko			20	32	
	Delaw.	1				
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale		1		20	32	
Anhydrol Labdanum	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	27				
	Whytel.					
Totale		27				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pr. on Totale	Quantité Achetée
Anhydrol Menthe Poivrée	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	2			5	
	Whytel.					
Totale		2			5	
Anhydrol Mousse Chêne	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	86		1	113	
	Whytel.	23				36
Totale		109		1	113	36
Anhydrol Patchouly	Arg.					
	Bresil					
	Esrolko			85		85
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	178	4	46	250	
	Whytel.					
Totale		178	4	131	250	85
Anhydrol Tabac	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier			1	17	
	Whytel.					
Totale				1	17	
Anhydrol Vetiver	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	1,030		1,552	1,558	
	Whytel.					
Totale		1,030		1,552	1,558	
Anisate Ethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	16			49	
	Whytel.					
Totale		16			49	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Anisate Methyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	23		5		34
	Totale	23		5		34
Anisidine (ortho)	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.				37,139	
	Totale				37,139	
Anisol	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	693	3,068		6,064	954
	Totale	694	3,883		6,432	954
Annaline	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			2		2
	Totale			2		2
Anthranilate Cinnamyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	200			140	
	Totale	200			140	
Anthranilate Dimethyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	3,169		2	2,470	
	Totale	3,169		2	2,470	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Anthranilate Ethyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale	18			47	
Anthranilate Linalyie	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.			3		3
	Totale	14		3	40	3
Anthranilate Menthyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	19 5	1,032 20	11 23	1,050 18 R	
	Totale	24 2	1,052	14	1,074	002
Anthranilate Methyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	2 3,349 655	791 4	153 9	169 740	100 6,745 275
	Totale	9,447	11,162	3,290	18,415	8,297
Anthranilate Phenylethylique	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	5				
	Totale	5				
Anthranilate Trixantyle (Anthranilate de 3,5,5-Tri- methylcyclo- hexyle)	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		984 6,024		984 7,194	
	Totale		7,008		8,178	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Antioxine	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica	6				
	Icmesa					
	Lyon	23				
Antioxolaire BF	Vernier	280				
	Whytel.					
	Totale	309				
	Arg.					
	Bresil					
	Esrolko	18		1		20
	Delaw.					
Aromes Naturelles (type inconnu)	Iberica					
	Icmesa					
	Lyon					
	Vernier	1				
	Whytel.					
	Totale	19		1		20
	Arg.					
Aromes Naturelles	Bresil	54,674			54,674	
	Esrolko	68,341			68,341	
	Delaw.					
	Iberica					
	Icmesa	66,582			66,582	
	Lyon					
	Vernier					
Aromes Synthétiques	Whytel.					
	Totale	189,597			189,597	
	Arg.					
	Bresil					
	Esrolko	72,791			69,968	
	Delaw.	170				
	Iberica					
Aromes en Poudre	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	72,961			69,968	
	Arg.					
	Bresil					
Aromes Synthétiques	Esrolko					
	Delaw.	62,539			72,896	
	Iberica	1,200				
	Icmesa					
	Lyon	134				114
	Vernier	2,687				
	Whytel.					
Aromes en Poudre	Totale	66,590			72,896	114
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	13,755			13,755	
	Iberica	40				
	Icmesa					
Aromes en Poudre	Lyon					
	Vernier					
	Whytel.					
	Totale	13,795			13,755	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro. dion Totale	Quantité Achetée
Aubepine	Arg.					
	Bresil				3	
	Esrolko	20		68		100
	Delaw.	105,372	8,467	2,679	84,493	
	Iberica	176	40	138		
	Icmesa					
	Lyon	2,125	503	669	2,349 R	1,750
Aubepine Bisulfite	Vernier	5,369	14,862	829	5,691	13,197
	Whytel.	672	95	6	382 R	2,291
	Totale	113,734	23,967	4,389	93,118	17,538
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2,174			1,845	
Aurantol	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	2,174			1,845	
	Arg.				6	
Base 2 (a-Isobutyle Quinoleine Pure)	Bresil				130	
	Esrolko	2		31		45
	Delaw.	716		593	1,326	
	Iberica	86	7	10		
	Icmesa					
	Lyon	206		91	315	
	Vernier	934		794	1,283	
Base 3 (6-Isopropyl- quinoleine)	Whytel.	109		20	124	
	Totale	2,053	7	1,539	3,184	45
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
Base Astringente	Icmesa					
	Lyon					
	Vernier		32		79	
	Whytel.					2
	Totale		32		79	2
	Arg.					
	Bresil					
Base Astringente	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	51		16	188	
	Whytel.					
Base Astringente	Totale	51		16	188	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Base Astringente	Lyon					
	Vernier	7				
	Whytel.					
	Totale	7				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Base pr. Troublant No. 2	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				33	
Totale	Vernier					2
	Whytel.				33	2
				1		2
Baume Perou Ess.	Arg.					
	Bresil					
	Esrolko			78		
	Delaw.					
	Iberica					
	Icmesa	61		19	115	
	Lyon	27		207	207	
Totale	Vernier					
	Whytel.	88		305	322	2
Baume Perou Purifié	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon			50	58	
Totale	Vernier					
	Whytel.			50	58	
				14		15
Baume Perou Resinoide	Arg.					
	Bresil					
	Esrolko			7		10
	Delaw.			5	75	
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	220		16	202	
	Whytel.			42	277	25
		220				
Baume Tolu Odoresine	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier			1	46	
	Whytel.			1	46	
						8
Baume Tolu Resinoide	Arg.					
	Bresil					
	Esrolko					
	Delaw.			183	315	
	Iberica					
	Icmesa					
	Lyon	3			38	
Totale	Vernier	131		20		2
	Whytel.	2				
		136		203	354	10

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Bay Ess. Deterp.	Arg.			2		
	Bresil					
	Esrolko					
	Delaw.	2		5		
	Iberica				21	27
	Icmesa					
	Lyon	2	164		164	2
Totale	Vernier	28		56	56	1
	Whytel.					
		32	164	63	241	10
Bay Ess. Rect.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier			23	49	
	Whytel.			23	49	
Benjoin Odoresine Siam	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	1				
	Whytel.			46		50
		1				
Benjoin Resinoide Siam	Arg.					
	Bresil					
	Esrolko	5				5
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	114		116	293	
Totale	Vernier	276		169	346	
	Whytel.			110		
		395		395	639	5
Benjoin Resinoide Sumatra	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	319			574	
	Whytel.					
		320		179	742	
Benzoate Amyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	34		3	184	5
	Iberica	2		1		5
	Icmesa					
	Lyon	20				
Totale	Vernier	29		2		
	Whytel.			3		5
		85		9	184	15

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetal Glycolique de l'Aldehyde Phenylacetique	Arg.					
	Bresil					
	Eserolko					
	Delaw.	344			244	
	Iberica					
	lcmesa					
Acetal R	Lyon					
	Vernier					
	Whytel.					
	Totale	344			244	
	Arg.					
	Bresil					
Acetal Toluyli Glycerique	Eserolko			11	18	
	Delaw.			22		
	Iberica					
	lcmesa					
	Lyon					
	Vernier	1				
Acetanisoile	Whytel.					
	Totale	1		33	18	
	Arg.					
	Bresil					
	Eserolko					
	Delaw.			5		
Acetate Abityle	Iberica					
	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale			5		
Acetate AL	Arg.			1		
	Bresil					
	Eserolko	10		5		10
	Delaw.	237		911	754	215
	Iberica					2
	lcmesa					
Acetate Amyle	Lyon	281			259	
	Vernier	173		2	298	
	Whytel.	3				6
	Totale	704		919	1,321	234
	Arg.					1
	Bresil					
Acetate Anisyle	Eserolko					
	Delaw.					
	Iberica					
	lcmesa					
	Lyon					
	Vernier					
Acetate Bergamyle	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Acetate Benzyle	Iberica					
	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Acetate Bornyle Liq. (Isobornyle)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	lcmesa					
Acetate Boryle	Lyon					
	Vernier	1	455	490	243	
	Whytel.					
	Totale	1	455	490	243	1
	Arg.					
	Bresil					
Acetate Boryle Liq. (Isobornyle)	Eserolko					
	Delaw.					
	Iberica					
	lcmesa					
	Lyon					
	Vernier		85		95	
Acetate Boryle Liq. (Isobornyle)	Whytel.					
	Totale		85		95	
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Acetate Boryle Liq. (Isobornyle)	Iberica					
	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Acetate Amylic	Arg.					
	Bresil				375	
	Esrolko	71		882		731
	Delaw.					
	Iberica	3		4	60	
	lcmesa					
	Lyon	47		475	46 R	525
Acetate Amyrie	Vernier	227		19	136	
	Whytel.			132		101
	Totale	348		1,512	617	1,357
	Arg.					
Acetate Anisyle	Bresil					
	Esrolko					
	Delaw.			270	555	
	Iberica					
	lcmesa					
	Lyon					
	Vernier					
Acetate Anisyle	Whytel.			210	555	
	Totale			210	555	
	Arg.					
	Bresil					2
Acetate Bergamyle	Esrolko			3		
	Delaw.	1,276	111		2,335	
	Iberica					
	lcmesa					
	Lyon					
	Vernier	56		69	343	
	Whytel.	56		22		
Acetate Bergamyle	Whytel.	19		12		19
	Totale	1,407	111	106	2,678	21
	Arg.					
	Bresil					
Acetate Benzyle	Esrolko					
	Delaw.					
	Iberica					
	lcmesa					
	Lyon					
	Vernier	18		15	170	
	Whytel.					
Acetate Benzyle	Totale	18		15	170	
	Arg.	56		112		400
	Bresil				7,496	
	Esrolko	13		3,682		3,400
Acetate Boryle	Delaw.	112,343		25,608	160,391	
	Iberica	1,864	243	281	72	
	lcmesa				83,278	
	Lyon	5,373		9,633	6,122 R	15,400
	Vernier	2,065		6,614		11,604
	Whytel.	275		1,482	238	2,143
	Totale	122,189	243	47,412	257,597	32,947
Acetate Boryle	Arg.			3		3
	Liq.				212	
	(Isobornyle)					
	Esrolko	44		1,267		1,500
	Delaw.	2,687		13,275	20,272	
	Iberica	27	24	99		5
	lcmesa					
Acetate Boryle	Lyon	132		1,350		1,250
	Vernier	804	1,000	1,643	995 R	2,001
	Whytel.	3		2,784		2,654
	Totale	3,697	1,024	20,421	21,479	7,413

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Benzoate Benzyle	Arg.				336	
	Bresil	20	81	649		1,025
	Eserolko	408		4,596		8,948
	Delaw.	564		191		
	Iberica				14,784	
	Icmesa				2,719	2,750
	Lyon	441		7,320	3,277 R	15,607
Totale	Vernier	1,711	3,831	427	66 R	450
	Whytel.					
		3,144	3,912	15,902	18,463	28,780
Benzoate Ethyle	Arg.				17	
	Bresil			2		2
	Eserolko			98		
	Delaw.	385		1		
	Iberica					
	Icmesa					
	Lyon	55			77	50
Totale	Vernier	54		3		5
	Whytel.					
		494		104	94	57
Benzoate Geranyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.	45			27	
	Iberica					
	Icmesa					
	Lyon	12				
Totale	Vernier	10				4
	Whytel.	3				
		70			27	4
Benzoate Isobutyle	Arg.			1		
	Bresil					
	Eserolko					
	Delaw.	245		9	283	
	Iberica					
	Icmesa					
	Lyon	1,584		8	1,622	
Totale	Vernier	49		2		
	Whytel.	14		5		29
		1,892		25	1,905	29
Benzoate Linalyle	Arg.					
	Bresil					
	Eserolko			20		20
	Delaw.	3		1		2
	Iberica	5				10
	Icmesa					
	Lyon	13		2	28	
Totale	Vernier	82			99	
	Whytel.	53				51
		156		23	127	83
Benzoate Methylé	Arg.			2	11	
	Bresil					
	Eserolko			80		75
	Delaw.					
	Iberica	4	4	8		12
	Icmesa				563	
	Lyon	71	26	50	271	
Totale	Vernier	149	210	89		700
	Whytel.	10		26		15
		234	240	255	845	802

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pr Totale	Quantité Achétée
Benzoate Phenyl- ethyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.	2				
	Iberica					
	Icmesa			1		
	Lyon	3				
Totale	Vernier	9				3
	Whytel.	3				
		17		1		3
Benzoiné	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		6		6	
	Whytel.					
			6		6	
Benzophenone	Arg.	5		48		90
	Bresil					
	Eserolko	31		700		600
	Delaw.	22,466		1,390	22,568	
	Iberica	14				
	Icmesa					
	Lyon	628		120	585	
Totale	Vernier	2,135		243	3,137	
	Whytel.	11		69		13
		25,290		2,570	26,290	703
Benzylidene Acetone	Arg.				474	
	Bresil					
	Eserolko					
	Delaw.					
	Iberica	1				6
	Icmesa				2,662	
	Lyon	30		255		150
Totale	Vernier	47	605	36		600
	Whytel.			1		
		78	605	292	3,136	756
Benzyl Acetone	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		1,135		535	
	Whytel.					
			1,135		535	
Benzyl Aniline	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		4			
Totale	Vernier	20	21		73	
	Whytel.					
		20	25		73	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Benzyl Ether	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa				26,850	
	Lyon					
Benzyl Isoeugenol	Vernier					
	Whytel.					
	Totale				26,850	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	1,193		4	1,119	
Benzyl Neo Acetate (Chloracetate Benzyle)	Iberica	2				
	Icmesa					
	Lyon	69		4	97	
	Vernier	202		2	95	60
	Whytel.	20				26
	Totale	1,486		10	1,311	86
	Arg.					
Bergamotte Ess. Desesquiterpen.	Bresil					
	Esrolko			80	75	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Bisabolol	Whytel.			80	75	
	Totale			5		
	Arg.					
	Bresil					
	Esrolko		6	105	2	126
	Delaw.	1		39	109	24
	Iberica			14		
Bols Cedre Rect.	Icmesa					
	Lyon			73		
	Vernier	24		446	446	
	Whytel.					
	Totale	25	6	682	557	150
	Arg.					
	Bresil					
Bromure Hexyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	25	82			
	Whytel.					
Bromure Duodecyle	Totale	25	82			
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Bromure Isopropyle	Lyon	6		3		
	Vernier	2,361		3,161	8,854	
	Whytel.					
	Totale	2,367		3,164	8,854	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Eou sau Goudr. Rect.	Arg.			1		
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Brasaylate Ethylene	Vernier	1	50	52	42	
	Whytel.					
	Totale	1	50	53	42	
	Arg.	1		1		1
	Bresil					
	Esrolko					
	Delaw.					
Bromstyroï	Iberica			4		
	Icmesa					
	Lyon	54				42
	Vernier	36	60	15	55 R	50
	Whytel.			19		9
	Totale	91	60	39	55	102
	Arg.	1		1		15
Bromure Hexyle	Bresil					
	Esrolko					
	Delaw.	2		71		75
	Iberica	148		19	204	
	Icmesa	21		1		10
	Lyon					
	Vernier	291		1	332	
Bromure Duodecyle	Whytel.	1,184		66	826	
	Totale	19		3		13
	Arg.	1,666		162	1,362	113
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
Bromure Isopropyle	Icmesa					
	Lyon					
	Vernier		28		28	
	Whytel.					
	Totale		28		28	
	Arg.					
	Bresil					
Bromure Isopropyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		47		47	
	Whytel.					
Bromure Isopropyle	Totale		47		47	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Bromure Isopropyle	Lyon					
	Vernier		202			
	Whytel.					
	Totale		202			

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
p-tert.-Butyle Benzol (Terbutene)	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale		45,471		28,067	
Butyl Cetone	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	1	25,405		24,247	
	Totale	1	18,615		11,879	
p-tert.-Butyle Toluene	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	1	44,020		36,126	
	Totale		106,280		105,494	
p-tert.-Butyle m-Xylene	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	5,470	4,106 103,149		3,523 104,716	
	Totale	5,470	16,663		25,192	
Butyrate Amyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	25 2,980		278 978 1	56 4,667	300
	Totale	111 445		5 8 11	183 363	15
Butyrate Benzyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	3,561		1,281	5,269	315 1
	Totale	323 9		3 23	591	3
	Totale	75 246		137	91	
	Totale	653		163	682	4

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Butyrate Butyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale				16	
Butyrate Cinnamyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	8				9
	Totale	2 1 1 12				1 10
Butyrate Citronellyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	425			64	
	Totale	46 1 472			130	1 1
Butyrate Dimethyl Benzyl Carbinyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	10			16	
	Totale	10			16	
Butyrate Ethyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	35	2	283	317	300
	Totale	120 480		4	111 177	
Butyrate Geranyle	Arg. Bresil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.	635 1	760	290	936	642
	Totale	10 805		60 10 1	26 796	55
	Totale	31 89		1 18	2	
	Totale	936		90	824	55

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Butyrate Isobutyle	Arg.					
	Bresil					
	Esrolko	2		30		30
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	3				3
Butyrate Linalyle	Vernier	34		1	141	
	Whytel.					
	Totale	39		31	141	33
	Arg.					
	Bresil					
	Esrolko			1		1
	Delaw.	34		4	20	
Butyrate Octyle	Iberica					
	Icmesa					
	Lyon	10				
	Vernier	11		10		
	Whytel.	1,426		1	1,366	
	Totale	1,481		16	1,386	1
	Arg.					
Butyrate Phenylethyle	Bresil					
	Esrolko			2	11	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Butyrate Terpenyle	Whytel.					
	Totale			2	11	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	43			46	5
	Iberica					
Butyrate Butyryne	Icmesa					
	Lyon	7				
	Vernier	55			55	
	Whytel.	3				4
	Totale	108			101	9
	Arg.					
	Bresil					
Butyrate Terpenyle	Esrolko			5		10
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	12				
	Whytel.					
Butyrate Terpenyle	Totale	12		5		10
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Butyrate Terpenyle	Lyon					
	Vernier		6			
	Whytel.					
	Totale		6			

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro. on Totale	Quantité Achétée
Cacao (extraits)	Arg.					
	Bresil					
	Esrolko			80	153	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Canneller Ess. Filles. Rect.	Vernier		116		257	
	Whytel.					
	Totale		116	80	410	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Cannelle Ess. Chine	Iberica					
	Icmesa					
	Lyon					
	Vernier		14	34	34	
	Whytel.					
	Totale		14	34	34	
	Arg.					
Caprate Ethyle	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	420		4		385
	Vernier	2		26	174	
Capronate Allyle	Whytel.					
	Totale	422		30	174	385
	Arg.					
	Bresil					
	Esrolko			15		15
	Delaw.					
	Iberica					
Capronate Amyle	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale			15		15
	Arg.					
	Bresil					
Capronate Amyle	Esrolko					
	Delaw.	1,219		51	2,104	
	Iberica					
	Icmesa					
	Lyon	7				8
	Vernier	46		3		
	Whytel.			2		
Capronate Amyle	Totale	1,273		212	2,106	8
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Capronate Amyle	Lyon					
	Vernier	1			19	
	Whytel.					
	Totale	1			19	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Capronate Citronellyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				4	
Capronate Ethyle	Vernier				4	
	Whytel.				4	
	Totale					
	Arg.					
	Bresil					
	Esrolko	13		26		37
	Delaw.					
Caprylate Allyle	Iberica					
	Icmesa					
	Lyon	18				24
	Vernier	88			82	
	Whytel.					
	Totale	119		26	82	61
	Arg.					
Caprylate p-Cresyle	Bresil					
	Esrolko			2		2
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				12	
	Vernier	6				
Caprylate Ethyle	Whytel.	6		2	12	2
	Totale	6				
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
Carbinol, Hexyle Vinyle	Icmesa					
	Lyon	1				
	Vernier	5			11	
	Whytel.					
	Totale	6		1	11	3
	Arg.					
	Bresil					
Carbinol, Methyl- ethyle Phenyl- ethyle	Esrolko			5		5
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	1				
	Vernier	9			31	
	Whytel.					
Carbinol, Methyl- ethyle Phenyl- ethyle	Totale	10		5	31	6
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Carbinol, Methyl- ethyle Phenyl- ethyle	Lyon					
	Vernier				9	
	Whytel.					
	Totale				9	1
	Arg.					
	Bresil					
	Esrolko					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Carbinol, Methyl- ethyle Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko			585		850
	Delaw.	390			1,239	
	Iberica					
	Icmesa					
	Lyon					
Carbinol, Methyl- ethyle Phenyl- ethyle	Vernier				1,173	
	Whytel.					
	Totale	390		585	2,412	850
Carbinol, Methyl- ethyle Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko			2		2
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Carbinol, Methyl- ethyle Phenyl- ethyle	Vernier	13	3,240			1,000
	Whytel.					230
	Totale	13	3,240	2		1,232
Carbinol, Methyl- ethyle Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko	22		2,896	2,940 R	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Carbinol, Methyl- ethyle Phenyl- ethyle	Vernier					
	Whytel.				92 R	
	Totale	22		2,896	3,032	
Carbinol, Methyl- ethyle Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	14,309		416	8,167	
	Iberica					
	Icmesa					
	Lyon					
Carbinol, Methyl- ethyle Phenyl- ethyle	Vernier					
	Whytel.					
	Totale	14,309		416	8,167	
Carbinol, Methyl- ethyle Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko			2		4
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Carbinol, Methyl- ethyle Phenyl- ethyle	Vernier					
	Whytel.					
	Totale			2		4
Carbinol, Methyl- ethyle Phenyl- ethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Carbinol, Methyl- ethyle Phenyl- ethyle	Vernier				15	
	Whytel.					
	Totale				15	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Carvomenthone	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Caryophyllene	Vernier				4	
	Whytel.				4	
	Totale				4	
Castorine	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2,066		616	4,082	
	Iberica					
	Icmesa					
	Lyon					
Catalyseur Manganese	Vernier					
	Whytel.	1				5
	Totale	2,067		616	4,082	5
Catalyseur Nickel LG	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon			4		
Catalyseur T.S. 50	Vernier	27		39	39	
	Whytel.			3		
	Totale	27		46	39	
Catalyseur Nickel LG	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Catalyseur T.S. 50	Vernier		18			
	Whytel.		18			
	Totale				640	
Catalyseur T.S. 50	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		16		16	
Catalyseur T.S. 50	Vernier		602		500	
	Whytel.		115		115	6
	Totale		733		1,271	6
Catalyseur T.S. 50	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				475	
Catalyseur T.S. 50	Vernier					
	Whytel.					
	Totale				475	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Prod Tota.	Quantité Achetée
Cedrene	Arg.				5,702	
	Bresil					
	Esrolko		1			1
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cedrenol	Vernier	2	2,247		1,491	
	Whytel.	2,104	1,398		3,502	
	Totale	2,106	3,646		10,695	1
Cedrol	Arg.					
	Bresil					
	Esrolko					
	Delaw.	9,931	1,460	394	15,123	
	Iberica					
	Icmesa					
	Lyon					
Centifolene	Vernier					23
	Whytel.					23
	Totale	9,931	1,460	394	15,123	
Cerinol	Arg.				3,083	
	Bresil					
	Esrolko	4		11		10
	Delaw.	24	22,385		31,036	
	Iberica					2
	Icmesa					
	Lyon					
Cetone Alpha	Vernier	25				
	Whytel.	17	1,102		914	
	Totale	932	947	11	1,737	1,835
Cetone Alpha	Arg.	1,002	24,434	22	36,770	1,847
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cetone Alpha	Vernier					
	Whytel.					
	Totale					
Cetone Alpha	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cetone Alpha	Vernier					
	Whytel.					
	Totale					
Cetone Alpha	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cetone Alpha	Vernier	189			54	75
	Whytel.					
	Totale	189			54	75
Cetone Alpha	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cetone Alpha	Vernier					
	Whytel.					
	Totale					
Cetone Alpha	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cetone Alpha	Vernier	215			40	160
	Whytel.	405			291	289
	Totale	45			12	70
Cetone Alpha	Arg.	666			289	263
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Cetone DHC	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		379		345	
	Whytel.					
Totale			379		345	
Cetone, Methyle Heptyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					3
	Iberica					
	Icmesa					
	Lyon					
	Vernier	5				2
	Whytel.	3				5
Totale		8				
Cetone, Methyle Nonyle	Arg.					
	Bresil					
	Esrolko	2				2
	Delaw.	1,038	465		2,021	
	Iberica					
	Icmesa					
	Lyon	70			830	85
	Vernier	96	652	2	1,397	496
	Whytel.	11	1,397		4,248	583
Totale		1,217	2,514	2		15
Cetone V (Allyle Ionone)	Arg.	6		10		
	Bresil					
	Esrolko	46		4		50
	Delaw.	213		20	337	
	Iberica	2	2	5		3
	Icmesa					
	Lyon	53		73		65
	Vernier	366		136	520	
	Whytel.	4		1		5
Totale		692	2	249	857	158
Chlorbenzol (mono)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica				90,208	
	Icmesa					
	Lyon					
	Vernier					
	Whytel.				90,208	
Totale					90,208	
Chlorophylle Pure	Arg.					
	Bresil					
	Esrolko	3,007			3,398	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					11
	Vernier	25		5		
	Whytel.			5		
Totale		3,032		10	3,398	11

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro Total	Quantité Achetée
a-Chlorpropionate Ethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier				122	
	Whytel.					
Totale					122	
Chlorure Benzyle	Arg.					
	Bresil					
	Esrolko				9,719	
	Delaw.					
	Iberica					500
	Icmesa				44,365	456,980
	Lyon					1,000
	Vernier		9,588			10,361
	Whytel.					
Totale			9,588		54,084	468,841
Chlorure Benzylidene	Arg.					
	Bresil					
	Esrolko				2,015	
	Delaw.					
	Iberica					
	Icmesa				827,700	100,000
	Lyon					
	Vernier					
	Whytel.					
Totale					829,715	100,000
Chlorure tert.-Butyle (Chlorure T)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		9,634		9,634	
	Whytel.					
Totale			9,634		9,634	
Chlorure Caprylyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		9		9	
	Whytel.					
Totale			9		9	
Chlorure Cuminylyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		25,570		25,570	
	Whytel.					
Totale			25,570		25,570	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Chlorure Isobutyryle	Arg.				15	
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Chlorure Phenylethyle	Vernier		41		41	
	Whytel.					
	Totale		41		56	
Chlorure Propionyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	1,000			1,000	
Chlorure Valerianyle	Vernier	535			1,223	
	Whytel.					
	Totale	1,535			2,223	
Chlorure Propionyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Chlorure Valerianyle	Vernier		9		9	
	Whytel.		407		407	
	Totale		416		416	
Chlorure Valerianyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Chlorure Valerianyle	Vernier		72		74	
	Whytel.					
	Totale		72		74	
CHR 2001 (Trimethyl- 4, 5, 6-Propenyl- 2-Dioxane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
CHR 2001 (Trimethyl- 4, 5, 6-Propenyl- 2-Dioxane)	Vernier				3	
	Whytel.					
	Totale				3	
Cinnamate Amylic	Arg.			1		
	Bresil					
	Eserolko			1		1
	Delaw.					
	Iberica	2		3		
	Icmesa					
	Lyon					
Cinnamate Amylic	Vernier	4				
	Whytel.					
	Totale	6		5		1

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Cinnamate Phenylethyle	Arg.					
	Bresil					
	Esrolko	3				3
	Delaw.			2		
	Iberica	4				
	Icmesa				14	
	Lyon	5			28	
Cinnamate Phenylpropyle	Vernier	19		1		
	Whytel.					
	Totale	29		3	42	3
Cire Abeilles Saponifiée	Arg.					
	Bresil					
	Esrolko					
	Delaw.	9			6	5
	Iberica					
	Icmesa					
	Lyon				373	
Cire LG	Vernier				379	
	Whytel.	9				5
	Totale					
Citral (Huile Essentielle)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Citral Pure	Vernier	335		1	15	
	Whytel.					
	Totale	57		1	15	
Citral Synthétique	Arg.					
	Bresil					
	Esrolko					
	Delaw.		29,218			32,855 (Citral 80)
	Iberica	658	37	22		
	Icmesa					
	Lyon	1,108	12,456	1,939	3,243	
Citral Rectifié	Vernier	9,100	23,628	3,250	34,449	
	Whytel.	3,710	396	127	4,814	
	Totale	14,576	65,735	5,338	77,287	
Citral Ess.	Arg.					
	Bresil					
	Esrolko					
	Delaw.	1,805	422	503	2,564	
	Iberica					
	Icmesa					
	Lyon					
Citral Rectifié	Vernier					
	Whytel.					
	Totale	1,805	422	503	2,564	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Citroviol (Nopalacetate)	Arg.					
	Bresil					
	Eserolko	1		481		403
	Delaw.					
	Iberica					
Civetle Absolute	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	1		481		403
Clair Styrax	Arg.					
	Bresil					
	Eserolko			15		15
	Delaw.	1		25		27
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon			8		5
	Vernier		26	11		27
	Whytel.					
	Totale	1	26	59		15
Compound 30 Special (Bis (2-Hydroxy, 5-Chlorophenyl) Sulfide)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Corhydrol	lcmesa					
	Lyon	1				
	Vernier	516		122		
	Whytel.					
	Totale	517		122		
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	1,689				6,844
	Iberica					
Compound 30 Special (Bis (2-Hydroxy, 5-Chlorophenyl) Sulfide)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	1,689				6,844
Corhydrol	Arg.					
	Bresil					
	Eserolko					
	Delaw.	14,158				12,956
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier	138				206
	Whytel.					
	Totale	14,296				12,956
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica	13				
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon	422				420
	Vernier	2,450	800			1,195
	Whytel.					
	Totale	2,885	800			1,195
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produc Totale	Quantité Achetée
Corol (Alcool, 12-Hydroxy Stearique)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Correcteur E	lcmesa					
	Lyon	1				
	Vernier	262	227			92
	Whytel.					
	Totale	263	227			92
Corylone (Methylcyclo- pentalone)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Coastue Resinoide	lcmesa					
	Lyon					
	Vernier	40	959			999
	Whytel.		38			12
	Totale	40	997			1,011
Coumarine	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Creosol	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Corylone (Methylcyclo- pentalone)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	2		33		35
	Iberica					
Coastue Resinoide	lcmesa					
	Lyon					
	Vernier	423				172
	Whytel.					
	Totale	425		33		207
Coumarine	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Creosol	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
Compound 19-50 K (Bis (5-Methyl- 2-Hydroxy- phenyl Methane)	lcmesa					
	Lyon					
	Vernier					
	Whytel.					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Cremulguine (Cremulphor)	Arg.					
	Bresil					
	Esrolko	949			949	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
p-Cresotate Méthyle	Vernier	20				
	Whytel.					
	Totale	969			949	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Cumidine	Iberica					
	Icmesa					
	Lyon	5				7
	Vernier	6		2		
	Whytel.					
	Totale	9		2		7
Cyclal	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		140			
Cyclohexyl- cyclohexanone (Givcomenthe)	Vernier					
	Whytel.		140			
	Totale					
	Arg.					
	Bresil					
	Esrolko			75		75
	Delaw.					
Cyclohexyl Propionate Allyle	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.			75		75
	Totale					
	Arg.					
Cremulguine (Cremulphor)	Bresil					
	Esrolko					
	Delaw.	14,534			15,917	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
p-Cresotate Méthyle	Whytel.					
	Totale	14,534			15,917	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	61		2	17	
	Iberica					
Cumidine	Icmesa					
	Lyon					
	Vernier	6	45		43	
	Whytel.					
	Totale	67	45	2	60	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Proc Totale	Quantité Achétée
Cyclopentenyl Acetate Méthyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cyclopentenyl Acetate Propyle	Vernier	3			4	
	Whytel.					
	Totale	3			4	
Cystenol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cysteine	Vernier	5			10	
	Whytel.					
	Totale	5			10	
Compositions Cosmetiques	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa			20	14	
	Lyon			16	116	
Compositions Parfumerie	Vernier		109			
	Whytel.					
	Totale		109	36	130	
Cyclohexyl- cyclohexanone (Givcomenthe)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Cyclohexyl Propionate Allyle	Vernier				87	87
	Whytel.					
	Totale			87	87	
Cremulguine (Cremulphor)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
p-Cresotate Méthyle	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	96				
Cumidine	Iberica					
	Icmesa					
	Lyon	776				
	Vernier	1,107				
	Whytel.					
	Totale	1,679			5,289	
Cyclohexyl Propionate Allyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	101,084			101,084	
	Iberica	857,578			857,578	
	Icmesa	6,430				
	Lyon	140,000			140,000	
Cremulguine (Cremulphor)	Vernier	199,838				2,210
	Whytel.	74,976			74,976	
	Totale	1,379,906			1,178,927	2,210

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Decylate Ethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	15			22	
	Whytel.					
Totale		15			22	
Delagene (5-tert.-Butyl- Hemimellitene) (3,4,5-Tri- methyl-tert.- Butyle Benzene)	Arg.					
	Bresil					
	Esrolko					
	Delaw.	6	9,075		10,753	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale		6	9,075	7	10,753	1,630
Deltyl	Arg.	812			12	
	Bresil			43	7,232	116
	Esrolko	32				
	Delaw.	249,694	3,003	18,690		261,672
	Iberica	1,004		6	933	
	Icmesa					
	Lyon	13,025		2,249	13,847 R	14,997
	Vernier	22,985	1,320	3,736	33,141	1,000
	Whytel.	231	521	118	452 R	1,530
Totale		287,783	4,844	24,849	55,617	280,985
Diacetine	Arg.					
	Bresil					
	Esrolko					
	Delaw.	5		884		600
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale		5		884		600
Diacetyl	Arg.					
	Bresil					
	Esrolko	115		54	131	90
	Delaw.					
	Iberica	28		192		30
	Icmesa					
	Lyon					
	Vernier	195		1		201
	Whytel.					
Totale		338		247	131	321
Dibenzyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	5				
	Iberica					
	Icmesa					
	Lyon	13				
	Vernier					
	Whytel.	26				
Totale		44				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produ. Totale	Quantité Achétée
Dibenzyl Cetone	Arg.					
	Bresil					
	Esrolko					
	Delaw.	18		5	35	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale		18		5	35	
Dibrom Meta- cresol Ether	Arg.					
	Bresil					
	Esrolko					
	Delaw.				109	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale					109	
o-Dichlor Benzol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		280		139	
	Whytel.					
Totale			280		139	
p-Dichlor Benzol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa				5,535	
	Lyon					
	Vernier					
	Whytel.					
Totale					5,535	
Diethylacetal Aldehyde C-10	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier				1	
	Whytel.					
Totale					1	
Difluordiphenyl	Arg.					
	Bresil					
	Esrolko					
	Delaw.			2	6	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale				2	6	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Dihydro Anethole	Arg.					
	Bresil					
	Esrolko					
	Delaw.	725		69	1,348	
	Iberica					
	Icmesa					
Dihydro Citronellol (Pelargol)	Lyon				4	
	Vernier					
	Whytel.					
	Totale	725		69	1,352	
	Arg.					55
	Bresil					
Dihydro Coumarin (Mellilotine) (Benzodi- hydro Pyrone)	Esrolko	5		57		
	Delaw.	379		553	757	
	Iberica			5		25
	Icmesa					
	Lyon					
	Vernier	408		232	499	
Dihydro Neril (Dihydro pseudo ionone)	Whytel.	74		5		
	Totale	866		852	1,256	80
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	707		28	1,225	23
Dihydro Safrole	Iberica					
	Icmesa					
	Lyon	4				4
	Vernier	126	86	35	16	
	Whytel.	1				1
	Totale	838	86	63	1,241	28
Dihydroterpineol	Arg.					
	Bresil					
	Esrolko			13	9	
	Delaw.					
	Iberica					
	Icmesa					
Dihydroterpineol	Lyon					
	Vernier					
	Whytel.					
	Totale			13	9	
	Arg.					
	Bresil					
Dihydroterpineol	Esrolko					
	Delaw.	70				
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Dihydroterpineol	Whytel.					
	Totale	70				
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Dihydroterpineol	Iberica					
	Icmesa					
	Lyon					
	Vernier		225			
	Whytel.					
	Totale		225			

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Dimethyl Acetal Aldehyde C-8	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Dimethyl Acetal Aldehyde a-Amyle Cinnamique	Lyon					
	Vernier				25	
	Whytel.				25	
	Totale					
	Arg.					
	Bresil					
Dimethyl Acetal Aldehyde Hydratropique	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	5				3
	Vernier	5			34	
Dimethyl Acetal Aldehyde Syringa	Whytel.					
	Totale	10			34	5
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	139		1		1
Dimethyl Acetal Aldehyde Syringa	Iberica					
	Icmesa					
	Lyon					
	Vernier	9			17	
	Whytel.	6				9
	Totale	154		12	17	10
Dimethyl Acetal Aldehyde Syringa	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Dimethyl Acetal Aldehyde Syringa	Lyon					
	Vernier	3	22	2		
	Whytel.					
	Totale	3	22	2		
	Arg.					
	Bresil					
Dimethyl Acetal Aldehyde Syringa	Esrolko					
	Delaw.	303		43	404	
	Iberica					
	Icmesa					
	Lyon			1		
	Vernier					
Dimethyl Acetal Aldehyde Syringa	Whytel.	143			116	
	Totale	446		44	520	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Dimethyl Acetal Aldehyde Syringa	Iberica					
	Icmesa					
	Lyon					
	Vernier	16			2	
	Whytel.	175		35	197	
	Totale	230			312	
Dimethyl Acetal Aldehyde Syringa	Arg.					
	Bresil					
	Esrolko					
	Delaw.	693		3	5	
	Iberica			138	714	
	Icmesa			1		
Dimethyl Acetal Aldehyde Syringa	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Dimethyl Acetal Aldehyde Syringa	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Dimethyl Acetal Aldehyde Syringa	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Dimethyl Acetal Aldehyde Syringa	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Dimethyl Acetophenone	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2			10	
	Iberica					
	icmesa					
Dimethyl Benzyle Carbinol	Lyon					
	Vernier					
	Whytel.					
	Totale	2			10	
	Arg.	5		1		10
	Bresil					
Dimethyl Butadiene	Esrolko	17		43		75
	Delaw.	93		29	146	
	Iberica	1		1		
	icmesa					
	Lyon	84			171	
	Vernier	3,931	3,028	45	5,294	
Dimethyl Hydroquinone	Whytel.	9		2		800
	Totale	4,140	3,028	121	5,611	885
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Dimethyl Octanol	Iberica					
	icmesa					
	Lyon					
	Vernier	74			75	
	Whytel.					
	Totale	74			75	
Dimethyl Phenylethyl Carbinol	Arg.					
	Bresil					
	Esrolko	1		101		125
	Delaw.	5				
	Iberica					
	icmesa					
Dimethyl Phenylcarbinol	Lyon	25				
	Vernier	266		20	381	
	Whytel.	1,364		2	1,149	
	Totale	1,661		123	1,530	125
	Arg.	3		18		80
	Bresil					
Dimethyl Resorcine	Esrolko					
	Delaw.					
	Iberica					
	icmesa					
	Lyon	40		37	281	
	Vernier					
Dinitro Butylxylene	Whytel.					
	Totale	43		55	281	80
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Diox (2,4-Dimethyl- 6-propionoxy 1,3-dioxane)	Iberica					
	icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Dioxin (6-Acetoxy - 2,4-Dimethyl 1,3-dioxane)	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2,455				3,602
	Iberica					
	icmesa					
Diphenyl Amine	Lyon					
	Vernier					
	Whytel.					
	Totale	2,455				3,602
	Arg.					
	Bresil					
Dioxin (6-Acetoxy - 2,4-Dimethyl 1,3-dioxane)	Esrolko					
	Delaw.					
	Iberica					
	icmesa					
	Lyon					
	Vernier					
Diphenyl Amine	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Diphenyl Amine	Iberica					
	icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produ Totale	Quantité Achetée
Dimethyl Phenylcarbinol	Arg.	1				1
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	icmesa					
Dimethyl Resorcine	Lyon			61	79	
	Vernier	3				
	Whytel.					
	Totale	4		61	79	1
	Arg.					
	Bresil					
Dinitro Butylxylene	Esrolko	1		17		18
	Delaw.					
	Iberica			1		
	icmesa					
	Lyon	46				56
	Vernier	92			84	
Diox (2,4-Dimethyl- 6-propionoxy 1,3-dioxane)	Whytel.					
	Totale	139		18	84	74
	Arg.					
	Bresil					
	Esrolko			15		200
	Delaw.					
Dioxin (6-Acetoxy - 2,4-Dimethyl 1,3-dioxane)	Iberica					
	icmesa					
	Lyon					
	Vernier				6,981	
	Whytel.					
	Totale			15	6,981	200
Diphenyl Amine	Arg.					
	Bresil					
	Esrolko					
	Delaw.	457				288
	Iberica					
	icmesa					
Diphenyl Amine	Lyon					
	Vernier					
	Whytel.					
	Totale	457			288	
	Arg.					
	Bresil					
Diphenyl Amine	Esrolko					
	Delaw.					
	Iberica					
	icmesa					
	Lyon					
	Vernier					
Diphenyl Amine	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2,455				3,602
Diphenyl Amine	Iberica					
	icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	2,455			3,602	1
Diphenyl Amine	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	icmesa					
Diphenyl Amine	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Diphenyl Amine	Esrolko					
	Delaw.					
	Iberica					
	icmesa					
	Lyon					
	Vernier					
Diphenyl Amine	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Diphenyl Amine	Iberica					
	icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Dipentene	Arg.					
	Bresil					
	Esrolko			509		345
	Delaw.					
	Iberica					
	Icmesa					
Diphenyl Imidazole	Lyon					
	Vernier					
	Whytel.			509		345
	Totale					
	Arg.					
	Bresil					
Diphenyl Methane	Esrolko					
	Delaw.					
	Iberica			5		5
	Icmesa			1		
	Lyon			1		1
	Vernier	1,446		54		995
Dodecalactone	Whytel.			25		
	Totale	1,446		86		1,001
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Elemi	Iberica					
	Icmesa					
	Lyon				13	
	Vernier	6			13	
	Whytel.	6				
	Totale					
Elemol	Arg.					
	Bresil					
	Esrolko			100		150
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				1,302	
	Vernier	369	21	946		30
	Whytel.				1,302	180
	Totale	369	21	1,046		
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		500			
	Vernier					
	Whytel.		500			
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produit Totale	Quantité Achétée
Ebenol	Arg.					
	Bresil			3		3
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Elgene	Lyon					
	Vernier					
	Whytel.			3		3
	Totale					
	Arg.					
	Bresil					
Encens	Esrolko		13,931		4,240	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		2,880		5,271	
	Vernier					
Ester 206	Whytel.		16,811		9,511	
	Totale					
	Arg.					
	Bresil			159		150
	Esrolko	1				
	Delaw.					
Ester Racémique	Iberica					
	Icmesa					
	Lyon	81		29	46	
	Vernier	169		283	583	
	Whytel.					
	Totale	251		471	629	150
Estragol	Arg.					
	Bresil			5		5
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.			5		5
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	1			5	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	1				
	Arg.					
	Bresil					
	Esrolko	4				4
	Delaw.	198			137	
	Iberica	10				
	Icmesa					
	Lyon	9		2		11
	Vernier	78				3
	Whytel.	3				18
	Totale	302		3	137	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Ether Rhum	Arg.					
	Bresil					
	Esrolko			2,099	2,166	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Ethone	Vernier				51	
	Whytel.					
	Totale			2,099	2,217	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	83		61		
Ethoxalate Citronellyle	Iberica					
	Icmesa					
	Lyon					8
	Vernier	16				
	Whytel.					
	Totale	106		61		8
	Ethyl Amyl Cetone	Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
Ethyl Amyl Undecy.	Vernier		10		228	
	Whytel.					
	Totale		10		228	
	Arg.					
	Bresil					
	Esrolko			10		10
	Delaw.	82		13		
Ethyl Hexyl Cetone	Iberica					
	Icmesa					
	Lyon					
	Vernier	33	77		65	77
	Whytel.	24			23	23
	Totale	139	77	23	65	110
	Eucalyptol	Arg.				
Bresil						
Esrolko						
Delaw.			59		59	
Iberica						
Icmesa						
Lyon						
Eugenol	Vernier					
	Whytel.					
	Totale		59		59	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Eugenol Bay	Iberica					
	Icmesa					
	Lyon					
	Vernier		1		105	
	Whytel.					
	Totale		1		105	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Fir Balsam Abs. Resin	Arg.					
	Bresil					
	Esrolko					
	Delaw.	214	68	97		
	Iberica					
	Icmesa					
Fixateur PU	Lyon					
	Vernier					
	Whytel.					
	Totale	214	68	97		
	Arg.					
	Bresil					
Follone	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon			2,356		2,300
	Vernier	5,515				
Folrosia (p-Isopropyl Cyclohexanol)	Whytel.					
	Totale	5,515		2,356		2,500
	Arg.	2				
	Bresil					
	Esrolko	3	1	7		10
	Delaw.					
Formate Amyle	Iberica	4				
	Icmesa					
	Lyon	856		79	942	
	Vernier	266		48	333	
	Whytel.	178		5	72	
	Totale	1,309	1	139	1,347	12
Formate Anisyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	483		108		
	Iberica					
	Icmesa					
Formate Benzyle	Lyon					
	Vernier	10		2		
	Whytel.	169		2		319
	Totale	662		112		319
	Arg.					
	Bresil					
Formate Citronellyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	45		1	38	
Formate Geranyle	Whytel.					
	Totale	78		16	38	3
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2			10	2
Formate Iberica	Iberica					
	Icmesa					
	Lyon					
	Vernier	6	16		16 R	
	Whytel.					
	Totale	8	16		26	2

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro Totale	Quantité Achetée
Formiate Benzyle	Arg.				2	
	Bresil					
	Esrolko			10	183	
	Delaw.	79		6		
	Iberica		2			
	Icmesa			1	105	
Formiate Cinnamyle	Lyon	58		8	120	
	Vernier	92				
	Whytel.					
	Totale	229	2	25	410	1
	Arg.				6	
	Bresil					
Formiate Citronellyle	Esrolko			1		
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	15			11	
Formiate Decahydro β-Naphtyle	Whytel.			2	17	
	Totale	15				
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	3,160		130	4,211	12
Formiate Ethyle	Iberica	5		1		
	Icmesa					
	Lyon	44		3	98	
	Vernier	56		23		10
	Whytel.			3		22
	Totale	3,265		160	4,309	
Formiate Geranyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Formiate Iberica	Lyon					
	Vernier				18	
	Whytel.				18	
	Totale				22	
	Arg.					
	Bresil					
Formiate Lyon	Esrolko			51		75
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	106	56	1	46	
Formiate Naphtyle	Whytel.					
	Totale	107	56	52	68	75
	Arg.			13	30	
	Bresil					
	Esrolko					
	Delaw.	480		4	139	4
Formiate Oxide	Iberica			480		
	Icmesa			5		
	Lyon					
	Vernier	41		5	148	
	Whytel.	103		21	84	15
	Totale	624		544	371	49

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Formiate Linalyle	Arg.				7	
	Bresil					
	Esrolko			1	11	1
	Delaw.	4				
	Iberica					
	Icmesa					
	Lyon	7				
Formiate Octyle	Vernier	13		3		
	Whytel.					
	Totale	24		4	18	1
Formiate Phenylethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				4	
Formiate Rhodinyte	Vernier	1				
	Whytel.					
	Totale	1			4	
Formiate Terpenyle	Arg.				89	
	Bresil					
	Esrolko					
	Delaw.	21		2	34	
	Iberica					
	Icmesa					
	Lyon	35			136	
Formiate Tropenyle	Vernier	27		3	69	
	Whytel.			17		19
	Totale	83		22	328	19
Formiate Terpenyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	15			9	
	Iberica					
	Icmesa					
	Lyon	3				
Formiate Terpenyle	Vernier	1		1	5	
	Whytel.					
	Totale	21		1	14	
Formiate Terpenyle	Arg.				1	
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Formiate Terpenyle	Vernier	3		4		
	Whytel.					
	Totale	3		4	1	
Formiate Terpenyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	414		69	399	
	Iberica					
	Icmesa					
	Lyon					
Formiate Terpenyle	Vernier					
	Whytel.	2				2
	Totale	416		69	399	2

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Prod Tota.	Quantité Achetée
Furfuryl Mercaptan	Arg.					
	Bresil					
	Esrolko			4		4
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Furfuryl Mercaptan	Vernier					
	Whytel.					
	Totale			4		4
Furfuryl Mercaptan	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Furfuryl Mercaptan	Vernier	4				
	Whytel.			3		
	Totale	4		3		
Furfuryl Mercaptan	Arg.	25				
	Bresil					
	Esrolko					
	Delaw.	17,090		327	15,954	
	Iberica	23				
	Icmesa					
	Lyon	158				
Furfuryl Mercaptan	Vernier	3,786	886		1,924 R	3,336
	Whytel.					
	Totale	21,082	886	427	17,878	3,621
Furfuryl Mercaptan	Arg.					
	Bresil					
	Esrolko					
	Delaw.	182,907	62,388	5	203,897	
	Iberica					
	Icmesa					
	Lyon					
Furfuryl Mercaptan	Vernier	325	1,081			1,930
	Whytel.					
	Totale	183,232	63,469	3	203,897	1,930
Furfuryl Mercaptan	Arg.	1,130				
	Bresil					
	Esrolko					
	Delaw.	672,385			694,444	
	Iberica	2,213				500
	Icmesa					
	Lyon	6,343			7,591	
Furfuryl Mercaptan	Vernier	165,900	645		156,648	12,000
	Whytel.	37,874				36,616
	Totale	885,845	645		858,683	51,016
Furfuryl Mercaptan	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica				28,981	
	Icmesa					
	Lyon					
Furfuryl Mercaptan	Vernier					
	Whytel.					
	Totale				1	28,981

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Galbanum	Arg.			1		2
	Bresil					
	Esrolko			205		220
	Delaw.	5		28	73	
	Iberica	13		17		
	Icmesa					
	Lyon	5		1		6
Gelbes Pulver (Fractions d'ionone nitré)	Vernier	437		963	1,803	
	Whytel.	13		15		15
	Totale	473		1,230	1,876	243
Gelfix LG	Arg.					
	Bresil					
	Esrolko			3	17	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Gerallol	Vernier					
	Whytel.					
	Totale			3	17	
Gerallol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Geraniol	Vernier	351				
	Whytel.					
	Totale	351				
Geraniol	Arg.					
	Bresil					
	Esrolko					
	Delaw.	644		509	1,009	
	Iberica					
	Icmesa					
	Lyon					
Geraniol	Vernier					
	Whytel.	2,618		1,142	3,697	
	Totale	3,262		1,651	4,706	
Geraniol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Geraniol	Vernier					
	Whytel.					
	Totale					
Geraniol	Arg.	223	140		84	402
	Bresil				457	
	Esrolko	108	99	7,195		7,550
	Delaw.	39,897	47,024	9,949	96,349	
	Iberica	607	66	365		
	Icmesa				1,497	
	Lyon	4,255	5,843	3,609	20,412	
Geraniol	Vernier	17,520	13,490	5,615	25,807	
	Whytel.	16,416	2,165	15,397	9,790	9,300
	Totale	79,026	68,827	42,130	154,396	17,252

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produ. Totale	Quantité Achetée
Geranium Ess.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa	550	600	281	29 R	1,550
	Lyon	121		2,210	221 R	
Germizone	Vernier			179		
	Whytel.					
	Totale	671	600	2,670	250	1,550
Gerol	Arg.					
	Bresil					
	Esrolko					
	Delaw.	2,769			2,972	
	Iberica					
	Icmesa					
	Lyon					
Gerol	Vernier					
	Whytel.					
	Totale	2,769			2,972	
Gerol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Gerol	Vernier	68		2,660		
	Whytel.					
	Totale	68		2,660		
Geronal	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Geronal	Vernier	8,900	50	10,709	24,110	
	Whytel.					
	Totale	8,900	50	10,709	24,110	
Gingerone	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Gingerone	Vernier		6		5	
	Whytel.					
	Totale		6		5	
Girofle Rect.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Girofle Rect.	Vernier					
	Whytel.					
	Totale					
Girofle Rect.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon		3,930	50	3,930	
Girofle Rect.	Vernier	21	14,879	840	14,006 R	
	Whytel.		1,316		1,316 R	
	Totale	21	20,125	895	19,757	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteé
Givanol	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	323				1,118
	Whytel.					
	Totale	323				1,118
Givol No. 176	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	125				150
	Vernier	1,136			1,098	
	Whytel.					
	Totale	1,261			1,098	150
Givon	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	3				1
	Vernier	202	451	252	1,230	
	Whytel.			38		60
	Totale	205	451	290	1,230	61
Gomme Arabique Solution	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		1		918	
	Whytel.					
	Totale		1		918	
Glycocellone (Methyl- cellulose)	Arg.					
	Bresil					
	Eserolko		7	129		150
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale		7	129		150
Grainambrol (Ambretteozon)	Arg.					
	Bresil					
	Eserolko			2	2	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale			2	2	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produ. Totale	Quantité Acheteé
Gramine	Arg.					
	Bresil					
	Eserolko					
	Delaw.	71			248	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	71			248	
Gurjunene	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		256	178	435	
	Whytel.					
	Totale		256	178	435	
Heliotropine	Arg.	1				80
	Bresil					
	Eserolko	215		951	4,460	906
	Delaw.	31,356		4,573	44,275	
	Iberica	105	42	53		120
	Icmesa				1,660	
	Lyon	2,937		108	3,381	
	Vernier	2,339	60	1,873		3,540
	Whytel.	137		112		91
	Totale	37,070	102	7,710	53,776	4,657
Hexene-3-ol-1	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		2			
	Whytel.					
	Totale		2			
Homo Quinolene	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa	5				8
	Lyon	12		10	14	
	Vernier	2				2
	Whytel.					
	Totale	19		10	14	10
Hulle PC	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		405		1,045	
	Whytel.					
	Totale		405		1,045	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Hydrescence Base	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon			56		64
	Vernier	64		143	143	
	Whytel.					
Totale		64		199	143	64
Hydrolene	Arg.			156		300
	Bresil					
	Eserolko			341		675
	Delaw.	1,072		5,500	7,983	
	Iberica			1		
	Icmesa					
	Lyon	349		80		
	Vernier	2,150		5,785	7,286	
	Whytel.			218		
Totale		3,571		10,081	15,269	975
Hydracetal (Acetal Diméthyllique Hydroxycitronellal)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	(voir Diméthyl Aceta		Hydroxycitronellal)		
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale						
p-Hydroxybenzyle Acetone (Corps N-112)	Arg.					
	Bresil					
	Eserolko					
	Delaw.			220	17	450
	Iberica					
	Icmesa					
	Lyon					
	Vernier	362				412
	Whytel.					
Totale		362		220	17	862
Hydroxycitronellal (Laurine)	Arg.			135		845
	Bresil					
	Eserolko			832	833	
	Delaw.	461		11,557	77,307	1,265
	Iberica	63,020	519	101		340
	Icmesa	824	71			
	Lyon			541		
	Vernier	5,298	207	2,573	7,329	
	Whytel.	35,308	795	8,300	39,686	330
	Whytel.	2,203	320	731	295 R	4,735
Totale		107,523	1,917	24,229	128,991	7,515
Indol	Arg.					
	Bresil					
	Eserolko					
	Delaw.	5		4		5
	Iberica	2,433	2,903	197	6,243	
	Icmesa	22	1	3		
	Lyon					
	Vernier	65		35		100
	Whytel.	624		129		650
	Whytel.	71		8		61
Totale		3,222	2,904	378	6,243	826

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro- Tot.	Quantité Achetée
Iralia	Arg.					
	Bresil					
	Eserolko			2		2
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
Totale				2		2
Irie	Arg.					
	Bresil					
	Eserolko			34		34
	Delaw.					
	Iberica		60	100		
	Icmesa					
	Lyon	22		4		24
	Vernier	1,835		450	3,044	50
	Whytel.					
Totale		1,859	60	588	3,044	108
Irisone (incl. alpha & beta)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	12		40	727	100
	Iberica	211	19	1,020		1,532
	Icmesa	3,396		3,185	8,324	363
	Lyon	210	16	55		160
	Icmesa					
	Lyon	1,471		795	2,110	
	Vernier	2,150	2,076	1,150	7,139	
	Whytel.	8,599	402		9,100	
Totale		16,049	2,513	6,245	27,420	2,155
Irocone	Arg.					
	Bresil					
	Eserolko			74		220
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		4,746		5,093	
	Whytel.					
Totale			4,746	74	5,093	220
Irone Alpha	Arg.					
	Bresil					
	Eserolko			5		5
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	18		3		74
	Whytel.	57	1			4
	Whytel.	4				23
Totale		79	1	8		1
Isobutyle Quinolaine	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	8		1		8
	Vernier	33		2	31	
	Whytel.	3				2
Totale		44		3	31	11

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Isobutyrate Amyle	Arg.				5	
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Isobutyrate Benzyle	Lyon	10				10
	Vernier	19				
	Whytel.					
	Totale	29			5	10
Isobutyrate Cinnamyle	Arg.				33	
	Bresil					
	Eserolko			3		
	Delaw.	20		9	235	11
	Iberica					3
	Icmesa					
Isobutyrate Citronellyle	Lyon	54			61	
	Vernier	67		13		
	Whytel.					
	Totale	141		25	329	14
Isobutyrate p-Cresyle	Arg.					
	Bresil					
	Eserolko	1				1
	Delaw.	2		1		1
	Iberica					
	Icmesa					
Isobutyrate Ethyle	Lyon	7				
	Vernier					
	Whytel.					
	Totale	10		1		2
Isobutyrate Geranyle	Arg.				44	
	Bresil					
	Eserolko					
	Delaw.	414		1	436	
	Iberica					
	Icmesa					
Isobutyrate Linalyle	Lyon	5				10
	Vernier	11				
	Whytel.					
	Totale	430		1	480	10
Isobutyrate Neryle	Arg.					
	Bresil					
	Eserolko					
	Delaw.	36				
	Iberica					
	Icmesa					
Isobutyrate Phenoxyethyle	Lyon	13				17
	Vernier	63			148	
	Whytel.	7				
	Totale	119			148	17
Isobutyrate Phenylethyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.	5				5
	Iberica					
	Icmesa					
Isobutyrate Phenylpropyle	Lyon					
	Vernier	30			48	
	Whytel.					
	Totale	35			48	5

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Pro Totale	Quantité Achétée
Isobutyrate Geranyle	Arg.				24	
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Isobutyrate Linalyle	Lyon	17				22
	Vernier	24		202	281	
	Whytel.	2				2
	Totale	43		202	305	24
Isobutyrate Neryle	Arg.	1		1		7
	Bresil				4	
	Eserolko			1		1
	Delaw.	56		4		5
	Iberica					
	Icmesa					
Isobutyrate Phenoxyethyle	Lyon	27		1		30
	Vernier	230		58	397	
	Whytel.	148				129
	Totale	462		65	401	172
Isobutyrate Phenylethyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Isobutyrate Phenylpropyle	Lyon	2			16	
	Vernier					
	Whytel.					
	Totale	2			16	
Isobutyrate p-Cresyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.	503		68	545	
	Iberica	1				1
	Icmesa					
Isobutyrate Benzyle	Lyon	1		81	124	
	Vernier	19		40		
	Whytel.			1		
	Totale	524		190	669	1
Isobutyrate Citronellyle	Arg.	4		3		
	Bresil				798	
	Eserolko	2		1		1
	Delaw.	841		51	1,585	
	Iberica	5	4	18		
	Icmesa					
Isobutyrate Geranyle	Lyon	49		1	49	
	Vernier	290	47	81	381	
	Whytel.	3		7		3
	Totale	1,194	51	162	2,813	6
Isobutyrate Linalyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
Isobutyrate Neryle	Lyon					
	Vernier		1		4	
	Whytel.					
	Totale		1		4	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Isobutyrate Rhodinyte	Arg.					
	Brazil					
	Eserolko					
	Delaw.					
	Iberica					
	lcmeaa					2
	Lyon	2				
Isobutyrate Terpenyle	Vernier	2				
	Whytel.					2
	Totale	4				
	Arg.					
	Brazil			10		10
	Eserolko					
	Delaw.					1
Isocyclo Citral	Iberica					
	lcmeaa					
	Lyon	5				
	Vernier	16		1	25	
	Whytel.			11	25	11
	Totale	21				8
		3				
Isoeugenol	Arg.					
	Brazil					
	Eserolko					
	Delaw.					
	Iberica					1
	lcmeaa					
	Lyon	1				
Isojasnone (B-11)	Vernier	119		1	281	
	Whytel.	89				114
	Totale	212		1	281	123
		5		10		40
	Arg.					
	Brazil					
	Eserolko	36		429		402
Isoloral (Aldehyde o-Cyclamen)	Delaw.	2,557	1,219	1,646	6,487	
	Iberica	25	6	12		25
	lcmeaa					
	Lyon	851	180	792	1,442	
	Vernier	1,875	227	674	1,720	
	Whytel.	91		241	73 R	400
	Totale	5,440	1,632	3,804	9,722	867
Isomenthone (B-11)						1
	Arg.					
	Brazil			8		10
	Eserolko					
	Delaw.					
	Iberica					
	lcmeaa					
Isopulegol	Lyon	3		1		3
	Vernier	82	26	50	78	
	Whytel.	9				6
	Totale	94	26	59	78	20
	Arg.					
	Brazil					
	Eserolko					
Isosafrole (Aldehyde o-Cyclamen)	Delaw.			43		
	Iberica					
	lcmeaa					
	Lyon					
	Vernier					
	Whytel.					
	Totale			43		

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Jasmolactone	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				80	
	Vernier					
	Whytel.					
	Totale				80	
Jasmone	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		148		144	
	Whytel.					
	Totale		148		144	
Jasmonyl	Arg.	29		1		55
	Bresil					
	Esrolko			35		35
	Delaw.	2,358		223	3,027	
	Iberica	12				
	Icmesa					
	Lyon	108		1		109
	Vernier	853		34	1,562	
	Whytel.	56		111	430	
	Totale	3,416		405	5,019	199
Junox	Arg.			1		
	Bresil					
	Esrolko				157	
	Delaw.	2,258		363	3,000	
	Iberica					
	Icmesa					
	Lyon					
	Vernier			39	374	
	Whytel.	258		403	3,531	
	Totale	2,516				
Labdanum	Arg.					
	Bresil					
	Esrolko	5		25	49	
	Delaw.	44		627	752	
	Iberica					
	Icmesa					
	Lyon					
	Vernier	161		21	13	
	Whytel.					
	Totale	210		673	814	
Lactones (divers)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	40		7		12
	Vernier	19	1,090	2	1,043	
	Whytel.					
	Totale	59	1,090	9	1,043	12

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produ Totale	Quantité Achetée
Lanelgine (Lanoline Purifiée)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica	100				
	Icmesa					
	Lyon	2,803				1,996
	Vernier	2,428			1,998	
	Whytel.					
	Totale	5,331			1,998	1,996
Laurate Benzyle	Arg.					
	Bresil					
	Esrolko			12	132	2
	Delaw.			35		1
	Iberica		3			
	Icmesa					
	Lyon	1		31	14	
	Vernier	97	393	999	2,260	
	Whytel.			51		68
	Totale	98	396	1,128	2,406	71
Laurate Ethyle	Arg.					
	Bresil					
	Esrolko			7		7
	Delaw.	131		6	181	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	131		13	181	7
Laurate Isopropyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				788	
	Vernier					
	Whytel.					
	Totale				788	
Lauryl Diethanol Amine	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		82		82	
	Whytel.					
	Totale		82		82	
Lavender Ess. Deterp.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.			50	50	6
	Totale			50	50	57

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Lavandin Ess.	Arg.					
	Bresil					
	Esrolko					
	Delaw.	17		355	359	
	Iberica					
	Icmesa					
	Lyon					
Lemonol	Vernier				2	
	Whytel.					
	Totale	17		355	361	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Levulate Ethyle	Iberica					
	Icmesa					
	Lyon					
	Vernier		1,694		1,694	
	Whytel.					
	Totale		1,694		1,694	
	Lilial	Arg.				
Bresil						
Esrolko						
Delaw.				3	11	
Iberica						
Icmesa						
Lyon						
Limonenes	Vernier					
	Whytel.					
	Totale			3	11	
	Arg.	51		60		230
	Bresil					
	Esrolko			285		300
	Delaw.	67,966		5,896	63,189	
Linalene	Iberica	38	16	19		
	Icmesa					
	Lyon	744		14		850
	Vernier	16,230		1,909	16,431	
	Whytel.	9,795		187		10,466
	Totale	94,824	16	8,370	79,620	11,846
	Linalool	Arg.				
Bresil						
Esrolko			10	427		532
Delaw.				111		
Iberica				197		50
Icmesa						
Lyon		5		1,745		1,880
Maltol	Vernier	3				1
	Whytel.					
	Totale	8	10	93		
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Mandarine	Iberica					
	Icmesa					
	Lyon					
	Vernier		1,092		876	
	Whytel.					
	Totale		1,092		876	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteée
Maté Resinoide	Arg.					
	Bresil					
	Esrolko					
	Delaw.			9	47	
	Iberica					
	Icmesa					
	Lyon					
Melissal	Vernier					
	Whytel.					
	Totale			9	47	
	Arg.					
	Bresil					
	Esrolko			12	17	
	Delaw.					
Melonal	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale			12	17	
	p-Menthène	Arg.				
Bresil						
Esrolko						
Delaw.		25		103		1
Iberica						
Icmesa						
Lyon						
Menthe Ess. Rect.	Vernier	10		1	19	
	Whytel.					
	Totale	35		104	19	1
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Menthol	Iberica					
	Icmesa					
	Lyon					
	Vernier				1,036	
	Whytel.				1,036	
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
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	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko						
Delaw.						
Iberica						
Icmesa						
Lyon						
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
		Arg.				
Bresil						
Esrolko		</				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
p-Methoxy Cinnamate d'Ethyle Hexyle (Mechex)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier			6,357	6,612	
	Whytel.					
	Totale			6,357	6,612	
Methyle Acetophenone	Arg.					
	Bresil					
	Esrolko	1,267		38		52
	Delaw.	1		464		2,136
	Iberica					
	Icmesa					
	Lyon	206		51		250
	Vernier	701		73	1,156	
	Whytel.	114		20		
	Totale	2,291		646	1,156	2,438
Methyle Anthranilate Methyle	Arg.					
	Bresil					
	Esrolko	27		8		32
	Delaw.					
	Iberica	10				5
	Icmesa					
	Lyon	159		1	114	
	Vernier	154		28	130	
	Whytel.	11				11
	Totale	360		37	241	48
Methyle Benzylidene Acetone	Arg.					
	Bresil					
	Esrolko	3		65	93	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	3		65	93	
Methyle Coumarine (Toncarine)	Arg.	15				15
	Bresil					
	Esrolko	1		1		2
	Delaw.	995		171	1,874	
	Iberica					
	Icmesa					
	Lyon	17		1		14
	Vernier	286		2	347	
	Whytel.	101				107
	Totale	1,417		175	2,221	138
Methyl p-Cresol	Arg.					
	Bresil					
	Esrolko	1		15		20
	Delaw.					
	Iberica	6				
	Icmesa					
	Lyon	311		8	289	
	Vernier	256		15		30
	Whytel.	20				50
	Totale	594		38	289	50

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produit Totale	Quantité Achetée
Methyl Eugenol	Arg.			2		5
	Bresil					
	Esrolko			2		2
	Delaw.	7,586		295	2,813	
	Iberica					
	Icmesa					
	Lyon	966		6	720	
	Vernier	54	804	35	804	
	Whytel.	576		7	682	3
	Totale	3,182	804	347	5,019	10
Methyl Ethyl Cetone Cyanhydrine	Arg.					
	Bresil					
	Esrolko		501			501
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		556		882	
	Whytel.					
	Totale		1,057		882	501
Methyle Heptenone	Arg.					
	Bresil					
	Esrolko					
	Delaw.	1,380	256	93	2,920	
	Iberica	1		1		1
	Icmesa					
	Lyon	5				5
	Vernier	69		74	2	
	Whytel.	389		3		
	Totale	1,844	256	171	3,041	6
Methyle Hexylcetone	Arg.					
	Bresil					
	Esrolko					
	Delaw.	574	11	29	695	
	Iberica	1				1
	Icmesa					
	Lyon	72		4		1,737
	Vernier	308	579	49	490 R	512
	Whytel.	870		13	1,442 R	1,474
	Totale	1,825	590	96	2,627	3,729
α-Methylindol	Arg.					
	Bresil					
	Esrolko			4		
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier				27	
	Whytel.					
	Totale			4	27	
β-Methylional	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier				1	
	Whytel.					
	Totale				1	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Méthyle Ionones (Irolidine TI Raldeines Raldehyde Ralphone Violette S.P.)	Arg.	152		41	2	290
	Bresil				688	
	Esrolko	76	1,226	1,812	1,218	2,150
	Delaw.	7,686		3,894	14,838	
	Iberica	553		260		305
	Icmesa					
	Lyon	3,348		1,861	4,412	2
Totale	Vernier	6,109	855	6,171	13,996	
	Whytel.	26,572		2,592	27,850	91
		44,496	2,081	16,631	63,004	2,838
Méthyl Ionyl Glycidate Ethyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		4		4	
	Whytel.		4		4	
Méthyle Iso- eugenol	Arg.					
	Bresil					
	Esrolko					5
	Delaw.	680		220	780	
	Iberica					
	Icmesa					
	Lyon	118		4	117	
Totale	Vernier	69		354	646	
	Whytel.	2		5		9
		869		583	1,543	14
Méthyle Paracresol	Arg.					
	Bresil					
	Esrolko	1		15		20
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
		1		15		20
Méthyl Pentadiene	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		195		8	
	Whytel.		195		8	
Méthyle Phenyle Glycidate (Fraise Pure) (Aldehyde C-16 Pure)	Arg.	10				20
	Bresil					
	Esrolko	60	5	96		12
	Delaw.	1,120		195	712	227
	Iberica	40	1	2		
	Icmesa					
	Lyon	124		6	150	
Totale	Vernier	3,881		29	2,892	
	Whytel.	151		2	157	
		5,386	6	330	3,911	259

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produ. Totale	Quantité Achétée
p-Méthyle Quinoleine	Arg.					
	Bresil					
	Esrolko			1		1
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	14		2		12
Totale	Vernier	1	163		233	
	Whytel.					
		15	163	3	233	13
a-Méthylstyrene Rect.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier		164		186	
	Whytel.					
			164		186	
Monelgine	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	238				100
Totale	Vernier	1,486			1,168	
	Whytel.					
		1,724			3,763	100
Mousse Arbres	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier					
	Whytel.					
				188		200
Mousse Chêne	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier			6		6
	Whytel.			194		206
				10		18
Mousseant LG	Arg.					
	Bresil					
	Esrolko	63		97		141
	Delaw.	54		2,515	2,107	
	Iberica					
	Icmesa					
	Lyon	134		271		32
Totale	Vernier	1,075	3,387	1,775	5,094	2,700
	Whytel.	11		206		159
		1,337	3,387	4,874	7,201	3,050
Mousseant LG	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Totale	Vernier	136			198	
	Whytel.					
		136			198	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteé
Musc 174	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica			2		1
	Icmesa					
	Lyon			5		6
	Vernier	20	21	89		120
	Whytel.					
	Totale	20	21	96		127
Musc Alpha (2,4-Dibromo Methoxy-6- Nitro Toluene)	Arg.					
	Bresil					
	Eserolko	44			58	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	44			58	
Musc Ambrette	Arg.	215		31		260
	Bresil					
	Eserolko	4,007		831	4,756	600
	Delaw.	68,365		7,039	69,928	
	Iberica	1,303	33	61		500
	Icmesa					
	Lyon	4,629		2,046		5,940
	Vernier	38,880	541	2,139	30,915	
	Whytel.	9,400		286		10,995
	Totale	126,799	574	12,433	105,599	18,295
Musc Cetone	Arg.	94		29		200
	Bresil					
	Eserolko	1,264		179		1,520
	Delaw.	18,340		2,207	23,136	
	Iberica	597	41	89		165
	Icmesa					
	Lyon	3,259		104		3,200
	Vernier	20,732		1,238	18,718	
	Whytel.	6,438		266		6,305
	Totale	50,724	41	4,112	41,854	11,390
Musc Moskene	Arg.	5				10
	Bresil					
	Eserolko					
	Delaw.	11,470		622	10,410	
	Iberica					
	Icmesa					
	Lyon	1,564		7		1,440
	Vernier	5,744		51	3,231	
	Whytel.	1,548		107		1,865
	Totale	20,331		787	13,641	3,315
Musc Tibetene	Arg.					
	Bresil					
	Eserolko					
	Delaw.	9,483		20	10,590	2
	Iberica					5
	Icmesa					
	Lyon	2,325				3,146
	Vernier	8				
	Whytel.			2		5
	Totale	11,816		22	10,590	3,158

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteé
Musc Xylene	Arg.	258		40		600
	Bresil					
	Eserolko	11,655		1,646	6,232	1,300
	Delaw.	105,366		3,934	111,272	
	Iberica	1,509	75	184		2,000
	Icmesa					
	Lyon	5,373		2,003		6,200
	Vernier	17,829	52	1,355	51	5,984
	Whytel.			366		201
	Totale	141,990	127	9,528	117,555	18,285
Myristate Butyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	326			152	
	Whytel.					
	Totale	326			152	
Myristate Ethyle	Arg.					
	Bresil					
	Eserolko	2				2
	Delaw.	96				
	Iberica					
	Icmesa			345		
	Lyon					
	Vernier	8			7	
	Whytel.					
	Totale	106		345	7	2
mono-Myristate Glycerine	Arg.					
	Bresil					
	Eserolko				7,146	
	Delaw.					
	Iberica	3				
	Icmesa					
	Lyon	115				150
	Vernier	1,283			2,044	
	Whytel.					
	Totale	1,401			9,190	150
mono-Myristate Propylene Glycol	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica	66				
	Icmesa					
	Lyon	769		4		675
	Vernier	6,136			7,907	
	Whytel.					
	Totale	6,971		4	7,907	675
Myrrhe	Arg.					
	Bresil					
	Eserolko			68	30	25
	Delaw.	11		45	77	
	Iberica					
	Icmesa					
	Lyon			2		3
	Vernier	33		20	10	
	Whytel.	4		15		24
	Totale	48		150	117	52

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Neofolione	Arg.					2
	Bresil					
	Esrolko					
	Delaw.	10				
	Iberica					
	Icmesa					
Nerol	Lyon			1		
	Vernier	14				
	Whytel.			1		2
	Totale	24		2	57	5
	Arg.	7				
	Bresil			36		36
Nerolidol	Esrolko			235		
	Delaw.		1	1	603	
	Iberica	11				
	Icmesa			24		30
	Lyon	65				
	Vernier	763	200	69	963	
Neroline	Whytel.	45		3	5	38
	Totale	891	201	370	1,628	109
	Arg.	3			29	7
	Bresil			30		30
	Esrolko					
	Delaw.					
Nerone	Iberica			1		20
	Icmesa	20				
	Lyon	203	257	169	759	
	Vernier					
	Whytel.					
	Totale	226	257	200	788	57
Nitroaniline (ortho)	Arg.			177	621	200
	Bresil			61		
	Esrolko	1,030		12	1,003	
	Delaw.		9			40
	Iberica	20			45,667	
	Icmesa			42		425
Nitroanisole (ortho)	Lyon	195		48	186	
	Vernier	704		4		101
	Whytel.	76				766
	Totale	2,025	9	344	47,677	11
	Arg.	4				
	Bresil					
Nitrochloro- benzole (ortho)	Esrolko			8		
	Delaw.	68				
	Iberica					
	Icmesa					
	Lyon					
	Vernier	454		11		
Nitrochloro- benzole (para)	Whytel.	9		19		11
	Totale	535				
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Nobricol (Bornylguaiacol)	Iberica				28,823	
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale				28,823	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Producti. Totale	Quantité Achetée
Nitroanisole (ortho)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica				43,796	
	Icmesa					
Nitrochloro- benzole (ortho)	Lyon					
	Vernier					
	Whytel.					
	Totale				43,796	
	Arg.					
	Bresil					
Nitrochloro- benzole (para)	Esrolko					
	Delaw.					
	Iberica				44,642	
	Icmesa					
	Lyon					
	Vernier					
Nobricol (Bornylguaiacol)	Whytel.					
	Totale				44,642	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Nonalactone (Prunolide)	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale				89,285	
Novocaine	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Nonalactone (Aldehyde C-18)	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Nitroaniline (ortho)	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Nitroanisole (ortho)	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Nitrochloro- benzole (ortho)	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Nitrochloro- benzole (para)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Nobricol (Bornylguaiacol)	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Nonalactone (Prunolide)	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Nonalactone (Aldehyde C-18)	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Novocaine	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Gamma Octalactoné	Arg.					
	Bresil					
	Esrolko					
	Delaw.	42		107		
	Iberica					
	Icmesa					
	Lyon					
Octine Carbonate Methylene	Vernier	1				
	Whytel.					
	Totale	43		107		
Octine Isobutyle	Arg.					
	Bresil					
	Esrolko	1		15		15
	Delaw.					
	Iberica					
	Icmesa	92			77	
	Lyon					
Octine Isobutyle	Vernier	68			90	
	Whytel.	88			51	
	Totale	249		15	218	15
Oenanthane Ethyle	Arg.					
	Bresil					
	Esrolko			3		3
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Oenanthane Ethyle	Vernier					
	Whytel.					
	Totale			3		3
Oenanthal	Arg.					
	Bresil					
	Esrolko	1		13		15
	Delaw.					
	Iberica	2		3		
	Icmesa					
	Lyon					
Oenanthal	Vernier	47	4	6	101	
	Whytel.					
	Totale	50	4	22	101	15
Olibanum Abs. Resin	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	13,175	1,400			15,054
Olibanum Abs. Resin	Vernier	2	10,075	6	22 R	10,172
	Whytel.		1,018			2,641
	Totale	13,177	12,493	6	22	28,877
Olibanum Abs. Resin	Arg.					
	Bresil					
	Esrolko					
	Delaw.	23		83	118	
	Iberica					
	Icmesa					
	Lyon					
Olibanum Abs. Resin	Vernier					
	Whytel.	8				9
	Totale	31		83	118	9

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Produit Totale	Quantité Achétée
Opopanax	Arg.	2		11		
	Bresil					
	Esrolko			6		6
	Delaw.	15		542	408	
	Iberica					
	Icmesa					
	Lyon					
Opopanax	Vernier	45		6	123	
	Whytel.	38				44
	Totale	100		566	531	52
Orange	Arg.					
	Bresil					
	Esrolko			94	108	
	Delaw.	9		104	313	64
	Iberica					
	Icmesa					
	Lyon					
Orange	Vernier	216	3,678	3,485	2,351 R	5,345
	Whytel.		130	259	130	200
	Totale	225	3,808	3,942	2,902	5,609
Oranger Cryst.	Arg.	7				
	Bresil					
	Esrolko			136		150
	Delaw.	2,094		601	3,783	
	Iberica	182		58		50
	Icmesa					
	Lyon	1,735		24	1,663	
Oranger Cryst.	Vernier	9,636	9,400	149	13,170	9,400
	Whytel.	7,708		23		6,190
	Totale	21,373	9,400	992	18,616	15,790
Oranger Liquide	Arg.					
	Bresil					
	Esrolko			59		150
	Delaw.	2,525		173	669	
	Iberica					
	Icmesa					
	Lyon	1,600		150	737	
Oranger Liquide	Vernier	94		242	2,134	
	Whytel.	40				40
	Totale	4,259		624	3,540	190
Oxalate Ethyle	Arg.					
	Bresil					
	Esrolko		3			3
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
Oxalate Ethyle	Vernier		506		421	
	Whytel.					
	Totale		509		421	3
p-Oxy Benzaldehyde	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
p-Oxy Benzaldehyde	Vernier					
	Whytel.					
	Totale		595			749

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
p-Oxy Bhtyrate de Methylene	Arg.					
	Bresil					
	Esrolko			82	89	
	Delaw.					
	Iberica					
	lcmesa					
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Lyon					
	Vernier					
	Whytel.					
	Totale			82	89	
	Arg.					
	Bresil					
Oxyde Dibenzyle (Dibenzyl Ether)	Esrolko					
	Delaw.	4,794		54	3,353	
	Iberica					
	lcmesa					
	Lyon					
	Vernier					
Oxyde Diphenyle (Diphenyl Ether)	Whytel.					
	Totale	4,794		54	3,353	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	28			380	
Oxyde p-Cresyle Methylque	Iberica					
	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	28			380	
Oxyde Ethyle o-Methoxy- benzylque (Rosantolene)	Arg.					
	Bresil					
	Esrolko			1,555	1,625	
	Delaw.	10				
	Iberica	52	47	133	50	
	lcmesa					
Oxyde Isoamylque β-Naphtyle	Lyon				23,818	
	Vernier	539		1,575	2,000	
	Whytel.	18,976		113	20,524	
	Totale	19,577	47	3,376	25,639	24,199
	Arg.					
	Bresil					
Oxyde Methylene Diphenylque (Methyl Diphenyl Ether)	Esrolko					
	Delaw.	5,477		171	7,400	
	Iberica					
	lcmesa					
	Lyon					
	Vernier					
Oxyde Methylene Phenyllothylique (Pandanol)	Whytel.					
	Totale	5,477		171	7,400	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Oxyde Styrene	Iberica					
	lcmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Palmitate Isopropyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	lcmesa					
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Lyon					
	Vernier	4		1	1	
	Whytel.					
	Totale	4		1	1	
	Arg.					
	Bresil					

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Oxyde Isoamylque β-Naphtyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	342			470	
	Iberica					
	lcmesa					
Oxyde Methylene Diphenylque (Methyl Diphenyl Ether)	Lyon					
	Vernier					
	Whytel.					
	Totale	342			470	
	Arg.					
	Bresil					
Oxyde Methylene Phenyllothylique (Pandanol)	Esrolko					
	Delaw.					
	Iberica					
	lcmesa					
	Lyon					
	Vernier					
Oxyde Styrene	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	21,702		60	26,656	60
Palmitate Isopropyle	Iberica					
	lcmesa					
	Lyon	980			168	1,180
	Vernier	761		51	916	
	Whytel.	528		89	1,022	
	Totale	23,971		485	28,762	1,240
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	lcmesa					
Oxyde Methylene Diphenylque (Methyl Diphenyl Ether)	Lyon					
	Vernier	418		39	544	
	Whytel.					
	Totale	418		39	544	
	Arg.					
	Bresil					
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Esrolko					
	Delaw.					
	Iberica					
	lcmesa					
	Lyon					
	Vernier					
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Iberica					
	lcmesa					
	Lyon					
	Vernier	223	6,720		2,200	
	Whytel.					
	Totale	223	6,720		20,425	2,205
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Arg.					
	Bresil					
	Esrolko					
	Delaw.	13,714	19	1,840	4,964	14,163
	Iberica					
	lcmesa					
Oxyde Benzyle Isoamylque (Benzyl Isoamyl Ether)	Lyon					
	Vernier		45			
	Whytel.					
	Totale	13,714	64	1,840	4,964	14,163
	Arg.					
	Bresil					

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Paracresol	Arg.					
	Bresil					
	Esrolko			20		20
	Delaw.					
	Iberica					
	Icmesa					
Parsidrol	Lyon					
	Vernier					
	Whytel.					
	Totale			20		20
	Arg.					
	Bresil					
Parsol Ultra	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	1			21	1
	Vernier	1				
Pelargonate Ethyle	Whytel.	2			21	1
	Totale					
	Arg.					
	Bresil					
	Esrolko			3		3
	Delaw.					
Pelargonate Allyle	Iberica	146				100
	Icmesa	6,671				
	Lyon	21,500				
	Vernier	404				
	Whytel.	28,721		3		123
	Totale					
Pelargonate Isopropyle	Arg.					
	Bresil					
	Esrolko	1		14		20
	Delaw.	75		3	184	
	Iberica					
	Icmesa					
Totale	Lyon					
	Vernier	67	2	11	165	
	Whytel.	7				7
	Totale	150	2	28	349	27
	Arg.					
	Bresil					
Totale	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier				1	
Totale	Whytel.				1	
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Totale	Iberica					
	Icmesa					
	Lyon					
	Vernier		220		245	
	Whytel.					
	Totale		220		245	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Product Totale	Quantité Achétée
Perol Liq. (Heliotropine)	Arg.				1,138	
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Perosol	Lyon					
	Vernier					
	Whytel.				1,138	
	Totale					
	Arg.					
	Bresil			6		6
Petitgrain Rect.	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	6				
	Vernier	6		6		6
Phellandrene	Whytel.					
	Totale					
	Arg.			118	78	
	Bresil					
	Esrolko			731	1,155	
	Delaw.	35				
Phenylacetate Amyle	Iberica					
	Icmesa					
	Lyon			126	123	
	Vernier	95		2,870	2,870 R	
	Whytel.			43	38	
	Totale	130		3,888	4,264	
Phenylacetate Benzyle	Arg.					
	Bresil			154	155	
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Totale	Lyon	4,000			4,000	
	Vernier	25				
	Whytel.			154	4,155	
	Totale	4,025				
	Arg.					
	Bresil					
Totale	Esrolko			17		
	Delaw.	14				
	Iberica					
	Icmesa					
	Lyon	2				
	Vernier	56		5		
Totale	Whytel.	72		23		
	Totale					
	Arg.					
	Bresil					
	Esrolko			40	40	
	Delaw.	147		228		
Totale	Iberica					
	Icmesa					
	Lyon	71			127	
	Vernier	147			131	
	Whytel.	65				77
	Totale	430		268	258	117

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Phenylacetate Butyle	Arg.					
	Bresil					
	Eserolko			2		2
	Delaw.					
	Iberica					
	Icmesa					
Phenylacetate Citronellyle	Lyon				51	
	Vernier	8				
	Whytel.					
	Totale	9		2	51	2
	Arg.					
	Bresil					
Phenylacetate m-Cresyle	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	17				
	Vernier	1				
Phenylacetate p-Cresyle	Whytel.					
	Totale	18				
	Arg.					
	Bresil					
	Eserolko			1		1
	Delaw.				3	
Phenylacetate Ethyle	Iberica					
	Icmesa					
	Lyon					
	Vernier	1				
	Whytel.					
	Totale	2		1	3	1
Phenylacetate Geranyle	Arg.					
	Bresil					
	Eserolko			84	296	
	Delaw.	630		1		
	Iberica	3				
	Icmesa				105	
Phenylacetate Rhodinyle	Lyon	148		1		
	Vernier	1,470		16	1,041	
	Whytel.	89		13		67
	Totale	2,340		115	1,442	67
	Arg.					
	Bresil				153	
Phenylacetate Isobutyle	Eserolko			8		10
	Delaw.	127		5	207	45
	Iberica	2				
	Icmesa				17	
	Lyon	35		18		
	Vernier	37		2		1
Phenylacetate Isocugenyle	Whytel.					56
	Totale	201		33	377	
	Arg.					
	Bresil					
	Eserolko					
	Delaw.	305			450	
Phenylacetate Methyle	Iberica					
	Icmesa					
	Lyon	13		3		
	Vernier	25			49	20
	Whytel.	20				20
	Totale	363		3	499	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Intité netée
Phenylacetate Isobutyle	Arg.				95	
	Bresil					
	Eserolko					
	Delaw.	7,015		628	1,832	10
	Iberica	26				
	Icmesa				471	
Phenylacetate Isocugenyle	Lyon	33		3		
	Vernier	148		58		
	Whytel.			3		
	Totale	1,242		692	2,398	10
	Arg.					
	Bresil					
Phenylacetate Methyle	Eserolko				2	
	Delaw.	2				
	Iberica					
	Icmesa					2
	Lyon	2				
	Vernier	3				
Phenylacetate Phenylethyle	Whytel.				2	2
	Totale	7			54	3
	Arg.					
	Bresil					
	Eserolko			33		
	Delaw.	2,277	469	60	2,437	30
Phenylacetate de Potassium Sol.	Iberica					
	Icmesa					
	Lyon	23		10	46	
	Vernier	107	24	73	176	
	Whytel.	2				9
	Totale	2,409	493	176	2,713	42
Phenylacetate Rhodinyle	Arg.					
	Bresil				70	
	Eserolko					
	Delaw.	5				5
	Iberica	441		34	471	10
	Icmesa	7				
Phenylacetate Rhodinyle	Lyon				4	
	Vernier	82		9	133	
	Whytel.	165		3	317	
	Totale	333		50	991	15
	Arg.					
	Bresil					
Phenylacetate Rhodinyle	Eserolko					
	Delaw.					
	Iberica				10,000	
	Icmesa					
	Lyon					
	Vernier					
Phenylacetate Rhodinyle	Whytel.				10,000	
	Totale					
	Arg.					
	Bresil					
	Eserolko					
	Delaw.	2			3	
Phenylacetate Rhodinyle	Iberica					
	Icmesa					
	Lyon	3			8	
	Vernier	10				1
	Whytel.	1				1
	Totale	16			11	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Acheteé	
Phenylethyl Methyl Carbonate	Arg.						
	Bresil						
	Esrolko			585		650	
	Delaw.						
	Iberica						
	Icmesa						
Phenylglycidate Ethyle	Lyon						
	Vernier						
	Whytel.						
	Totale			585		850	
	Phthalate Butyle	Arg.					
		Bresil					
Esrolko							
Delaw.		278			450		
Iberica							
Icmesa							
Phthalate Ethyle	Lyon						
	Vernier						
	Whytel.						
	Totale	278			450		
	Phthalate Butyle	Arg.					
		Bresil					
Esrolko				186			
Delaw.							
Iberica							
Icmesa							
Phthalate Ethyle	Lyon						
	Vernier						
	Whytel.						
	Totale			186		10	
	Phytol	Arg.					
		Bresil					
Esrolko			30	7,099	24,026	8,000	
Delaw.		462		17,885	14,798		
Iberica		24		80		100	
Icmesa					8,004		
Pinacolone	Lyon	1,087	234	7,637		9,000	
	Vernier	2,453	201	4,100		7,600	
	Whytel.			1,501	540 R		
	Totale	4,026	465	38,316	47,368	24,710	
	Phytol	Arg.					
		Bresil					
Esrolko							
Delaw.				98	162		
Iberica							
Icmesa							
Pinacolone	Lyon						
	Vernier	7					
	Whytel.						
	Totale	7		98	162		
	Pinacolone	Arg.					
		Bresil					
Esrolko							
Delaw.							
Iberica							
Icmesa							
Pinacolone	Lyon						
	Vernier	1,705	10		2,128		
	Whytel.						
	Totale	1,705	10		2,128		

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achete
Propionate Benzyle	Arg.			37	8	30
	Bresil				69	
	Esrolko			69		75
	Delaw.	1,021		326	913	
	Iberica	7	9	3		15
	Icmesa				108	
	Lyon	235		8	335	
Propionate Cinnamyle	Vernier	618		187	756	
	Whytel.	32		18		35
	Totale	1,914	9	648	2,189	155
	Arg.					
	Bresil					
Propionate Citronellyle	Esrolko			28	154	
	Delaw.	34				
	Iberica					
	Icmesa					1
	Lyon	1				
	Vernier	7				
	Whytel.			28	154	1
Propionate Ethyle	Totale	42				
	Arg.					
	Bresil					
	Esrolko			5	221	7
	Delaw.	94				
	Iberica					
	Icmesa			3		
Propionate Geranyle	Lyon	39		137	179	
	Vernier	7		1		
	Whytel.			146	400	1
	Totale	140				
	Arg.				3	
	Bresil					2
	Esrolko					
Propionate Linalyle	Delaw.				100	
	Iberica					
	Icmesa					
	Lyon				58	
	Vernier	77				
	Whytel.				161	2
	Totale	77				
Propionate Methyle Phenyle	Arg.			19		32
	Bresil			1		
	Esrolko	2			30	
	Delaw.	17			3	
	Iberica					
	Icmesa					
	Lyon	2		2	148	
Propionate Phenylethyle	Vernier	63				
	Whytel.			22	181	32
	Totale	84				
	Arg.			1		1
	Bresil					
	Esrolko				95	
	Delaw.	34				1
Propionate Terpenyle	Iberica					
	Icmesa					
	Lyon	10			17	
	Vernier	42		137		
	Whytel.	18				2
	Totale	104		138	112	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	utilisé netée
Propionate Méthyle Phényle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	3				
	Iberica					
	Icmesa					
	Lyon					
Propionate Phényléthyle	Vernier					
	Whytel.					
	Totale	3			14	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.	17		114		
Propionate Terpényle	Iberica					
	Icmesa					
	Lyon	3		2		
	Vernier	190		38	446	22
	Whytel.	22		4	460	22
	Totale	232		158		
	Propiophenone	Arg.				
Bresil						
Esrolko				5		5
Delaw.		9,504		100	13,022	
Iberica						
Icmesa						
Lyon		23				7
pseudo Cétone V	Vernier	863		3	943	
	Whytel.	518			742	
	Totale	10,908		108	14,707	12
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
pseudo Ionone	Iberica					
	Icmesa					
	Lyon					
	Vernier		473		473	
	Whytel.					
	Totale		473		473	
	Arg.					
pseudo Ionone	Bresil				971	
	Esrolko					
	Delaw.		468		468	
	Iberica					
	Icmesa					
	Lyon					
	Vernier		727		638	
pseudo Ionone	Whytel.				2,077	
	Totale		1,195		32	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
pseudo Ionone	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
pseudo Ionone	Esrolko	10		2		22
	Delaw.		11,989		12,213	
	Iberica					
	Icmesa					
	Lyon		3,413		3,413	
	Vernier	23	8,827		8,678	
	Whytel.	508	12,232		12,740	
pseudo Ionone	Totale	541	36,461	2	37,079	22

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
pseudo Iroze	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				31	
	Vernier					
	Whytel.				31	
	Totale				3	
pseudo Methyl- ionone (pseudo Raldaines)	Arg.				464	
	Bresil					
	Esrolko					
	Delaw.		21,510	58	19,430	
	Iberica					
	Icmesa					
	Lyon		5,262		5,262	
	Vernier	150	18,568		17,429	
	Whytel.	355	34,595		34,950	
	Totale	505	80,735	58	78,538	
Pulegone	Arg.					
	Bresil					
	Esrolko					
	Delaw.	22		2	20	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	22		2	20	
Pyrolysate Ester	Arg.					
	Bresil					
	Esrolko			43	89	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale			43	89	
Resedal	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	9		1	10	
	Whytel.					
	Totale	9		1	10	
Rhodinol	Arg.					35
	Bresil					
	Esrolko					
	Delaw.	4		30	22	
	Iberica	218	171	136	333	
	Icmesa	34	3	5		12
	Lyon				14	
	Vernier	185		342	326	
	Whytel.	1,380	115	590	384	3
	Totale	579		36	605	
	Totale	2,401	289	1,164	1,862	72

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Rhodinax - Jacinthe	Arg.					
	Bresil					
	Esrolko					
	Delaw.	241		1	251	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	241		1	251	
Ricinol	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	6,105	410	1,230		8,469
	Vernier	2,995			3,021	
	Whytel.					
	Totale	9,100	410	1,230	3,021	8,469
Rosacetol	Arg.	16		2		135
	Bresil					
	Esrolko					
	Delaw.	95		866	881	
	Iberica	4,319		247		4,681
	Icmesa	4	6	8		5
	Lyon					
	Vernier	465		190		720
	Whytel.	4,137		396	5,298	
	Totale	161		33		182
	Totale	9,197	6	1,742	6,179	5,723
Rose Ess. Abs.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	3		17		14
	Vernier	3		10	10	
	Whytel.					
	Totale	6		28	10	15
Rosellum	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Rue Ess. Rect.	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		650		2,387	
	Whytel.					
	Totale		650		2,387	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Safrole	Arg.				9,279	
	Bresil					70
	Eserolko	22		66		
	Delaw.	1,217		12	6,322	234
	Iberica	1		181		
	Icmesa				2,000	
	Lyon	600	7,200	262	7,837	
	Vernier	190		183		
	Whytel.			3		5
	Totale	2,030	7,200	707	25,438	309
Salicylate Amyle	Arg.	39		38	3,637	1,450
	Bresil					
	Eserolko	11		1,366		
	Delaw.	37,138		9,673	46,515	
	Iberica	501	49	280	553	
	Icmesa				14,330	
	Lyon	375		537		1,350
	Vernier	2,690		3,650	4,663	
	Whytel.	267		1,111	1,524	
	Totale	41,021	49	16,655	69,698	4,424
Salicylate Benzyle	Arg.	16		92	818	300
	Bresil					
	Eserolko	7		743		1,000
	Delaw.	36,590		3,360	41,747	
	Iberica	143	10	11	27	10
	Icmesa				2,765	
	Lyon	2,177		18,775	20,240	
	Vernier	2,156		1,461	1,068	
	Whytel.	619		102	662 R	609
	Totale	41,708	10	24,544	67,327	1,919
Salicylate Butyle	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	4				3
	Vernier	4				
	Whytel.					
	Totale	8			470	1
Salicylate Ethyle	Arg.					
	Bresil					
	Eserolko			12		
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	3		1		
	Vernier					
	Whytel.					
	Totale	3		13	470	1
Salicylate Isobutyle	Arg.				43	
	Bresil					10
	Eserolko	7		8		
	Delaw.	5,257		64	4,551	5
	Iberica	5				
	Icmesa				622	
	Lyon	740		37	295	
	Vernier	165				5
	Whytel.	1		2		
	Totale	6,175		115	5,511	21

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Salicylate Menthyle	Arg.					60
	Bresil					
	Eserolko	60				
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				291	
	Vernier	573				
	Whytel.				291	60
	Totale	633			34	50
Salicylate Methyle	Arg.			29		
	Bresil					
	Eserolko	3				
	Delaw.			1		
	Iberica	67			4,130	
	Icmesa		18,054	27		18,000
	Lyon	35		35		2,000
	Vernier	328	1,565	144		175
	Whytel.	11		230	4,164	20,225
	Totale	442	17,619			10
Salicylate Phenylethyle	Arg.	5				2
	Bresil			2		
	Eserolko			3		
	Delaw.	27				1
	Iberica	1				
	Icmesa					
	Lyon	58		5	89	
	Vernier	55		3		
	Whytel.					
	Totale	146		13	89	3
Santale	Arg.	141		34		280
	Bresil					
	Eserolko			215		215
	Delaw.	30,220		2,353	28,442	
	Iberica	3,014	1	1,077		2,000
	Icmesa					
	Lyon	24		870	227 R	1,268
	Vernier	12,747		413		6,202
	Whytel.	6,925		16	6,420 R	5,080
	Totale	53,071	1	4,978	35,089	15,045
Santal	Arg.			25		
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	1,085				
	Vernier					
	Whytel.					
	Totale	1,085		25		25
Santalol	Arg.			2		2
	Bresil					
	Eserolko			26		
	Delaw.	49			160	
	Iberica	1				
	Icmesa					
	Lyon	89		123	198	
	Vernier	89		101	153	
	Whytel.	6		2		8
	Totale	234		254	511	10

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Santalozon (Formiate Decalinylo)	Arg.					
	Bresil					
	Eserolko	7			7	
	Delaw.					
	Iberica					
	Icmesa					
Sassafras Art. KH	Lyon					
	Vernier					
	Whytel.					
	Totale	7			7	
	Arg.					
	Bresil					
Sato	Eserolko					
	Delaw.	1,385		99		
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Scatol	Whytel.					
	Totale	1,385		99		
	Arg.	30				
	Bresil					
	Eserolko					
	Delaw.	53				
Sedalia	Iberica	156				
	Icmesa					
	Lyon	2,031		34	1,942 R	2,073
	Vernier	5,024	2,694		5,537	
	Whytel.					
	Totale	7,296	2,694	34	7,479	2,073
Sel AL	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica			1		
	Icmesa					
	Lyon	15			87	18
	Vernier	64		2		5
	Whytel.	4				
	Totale	80		3	87	23
	Arg.					
	Bresil					
	Eserolko	30				30
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	30				30
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier		118		88	
	Whytel.					
	Totale		118		88	

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Sinpine (Sous Prod. Terpineol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	41,608		55,464	141,290	
	Iberica					
	Icmesa					
Smokone	Lyon					
	Vernier					
	Whytel.					
	Totale	41,608		55,464	141,290	
	Arg.					
	Bresil					
Solvant	Eserolko	2		20		20
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	21				
Stabilisateur #1	Whytel.			20		20
	Totale	23				
	Arg.					
	Bresil					
	Eserolko					
	Delaw.	10				
Stabilisateur 9A	Iberica					
	Icmesa					
	Lyon				44	
	Vernier					
	Whytel.				44	
	Totale	10				
	Arg.					
	Bresil					
	Eserolko					
	Delaw.	657	20,811	894	47,445	
	Iberica					
	Icmesa					
	Lyon					
	Vernier	7		163		171
	Whytel.					
	Totale	664	20,811	1,057	47,445	171
	Arg.					
	Bresil					
	Eserolko					
	Delaw.	38,764		988	18,536	
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale	38,764		988	18,536	
	Arg.					
	Bresil					
	Eserolko				6,501	
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	12				120
	Vernier	62				
	Whytel.					
	Totale	74			6,501	120

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
mono Stearate Diethylene Glycol	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				678	
mono Stearate Glycerine	Vernier	456				
	Whytel.				678	
	Totale	456				
mono Stearate Glycerine	Arg.					
	Bresil					
	Eserolko					5
	Delaw.	6				
	Iberica					
	Icmesa					305
	Lyon	201			1,396	
mono Stearate Glycerine	Vernier	552	1,225			
	Whytel.				1,396	
	Totale	759	1,225			310
Stearate Potasse	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				161	
Stearate Potasse	Vernier		73			
	Whytel.				161	
	Totale		73			
Sterolamide	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon				10	
Sterolamide	Vernier	10				
	Whytel.				10	
	Totale	10				
Storax Balsamoid	Arg.					
	Bresil					
	Eserolko				441	
	Delaw.					497
	Iberica					
	Icmesa					
	Lyon					
Storax Balsamoid	Vernier					
	Whytel.				441	497
	Totale					
Styrax	Arg.					
	Bresil				16	
	Eserolko					16
	Delaw.				462	
	Iberica					
	Icmesa					
	Lyon					
Styrax	Vernier	143			276	13
	Whytel.	71			185	131
	Totale	214			939	331

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Styrene	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
	Iberica					
	Icmesa			17		
	Lyon			20	25	
Styrene	Vernier		25	3		3
	Whytel.			40	25	3
	Totale		25			
Solutions Alcoolique Parfums et Eau de Cologne (en litres)	Arg.					
	Bresil					
	Eserolko					
	Delaw.				290,790	
	Iberica					
	Icmesa					
	Lyon					
Solutions Alcoolique Parfums et Eau de Cologne (en litres)	Vernier					
	Whytel.				290,790	
	Totale					
Terenol (Mousol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	69		10		
	Iberica					
	Icmesa					
	Lyon					
Terenol (Mousol)	Vernier					
	Whytel.					
	Totale	69		10		
Terpineol (Lilol)	Arg.					
	Bresil					
	Eserolko					
	Delaw.	4,541	29	6,235	2,480	10,300
	Iberica	144,239		25,451	160,797	
	Icmesa	78	346	805	80	1,000
	Lyon				49,370	
Terpineol (Lilol)	Vernier	3,744		5,662	3,107 R	10,000
	Whytel.	1,730	25,057	7,007	13,863 R	22,598
	Totale	944	363	2,593	991	4,064
Terpinolene	Arg.					
	Bresil					
	Eserolko					
	Delaw.	29,541	7,815	24,161	53,218	
	Iberica	1		1	30,000	
	Icmesa			2,665		2,212
	Lyon			701	10	540
Terpinolene	Vernier	431	10	2,509		2,177
	Whytel.			30,317	83,476	4,989
	Totale	29,973	7,825			
Tetrahydro Linalool	Arg.					
	Bresil					
	Eserolko					
	Delaw.	68		25	109	
	Iberica	4				
	Icmesa					2
	Lyon	2			430	
Tetrahydro Linalool	Vernier	325		1		14
	Whytel.	10		1	539	16
	Totale	409				

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		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Tetrahydro p-Methyle Quinoleine	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					1
	Totale	115		3	202	21
Tetrahydro pseudo ionone	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.		3,470	2	3,339	
	Totale		3,650	2	3,608	
Tetrahydro Quinaldine	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale	101	5	2	7	
	Totale	101	5	2	7	
Thymol	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					12
	Totale	13,003	47,886	36	50,677	6,818
	Totale	13,530	47,886	146	50,677	7,520
Tibetone	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					35
	Totale			35		35
Tibetolide	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					1
	Totale	91		52		156
	Totale	91		53		157

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Tonka Feves Abs.	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale			1	1	
Trioxanthryle (Acetylanthra- nilate de 3,5,5-tri- methylcyclo- hexyle)	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale	106		506	794	
	Totale	106		612	8,036	106
Tuberol 112 C	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale			1	1	20
Gamma Undecalactone (Pêche Pure) (Aldehyde C-14 Pure)	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					60
	Totale	1		61	965	227
	Totale	1,546	2	275	2,130	312
Undecylenate Butyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale	2	659	1	664	
Valerianate Amyle	Arg. Brasil Esrolko Delaw. Iberica Icmesa Lyon Vernier Whytel.					
	Totale	10		40	142	70
	Totale	117	2	40	301	73

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Valerianate Benzyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	4		1	7	
	Iberica					
	Icmesa					
Valerianate Cinnamyle	Lyon					
	Vernier	8				
	Whytel.					
	Totale	12		1	7	
	Arg.					
	Bresil					
Valerianate Citronellyle	Esrolko					
	Delaw.	6		2	39	
	Iberica					
	Icmesa					
	Lyon					
	Vernier	1			2	
Valerianate Ethyle	Whytel.					
	Totale	7		2	41	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Valerianate Geranyle	Iberica					
	Icmesa					
	Lyon					
	Vernier	8			19	
	Whytel.					
	Totale	8			19	
Valerianate Linalyle	Arg.					
	Bresil					
	Esrolko			2	91	2
	Delaw.					
	Iberica					
	Icmesa					
Valerianate Phenylethyle	Lyon					
	Vernier	28	2			
	Whytel.					
	Totale	28	2	2	91	2
	Arg.					
	Bresil					
Valerianate Propyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Valerianate Thymyle	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Gamma Valerolactone	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Vanicerol 40	Arg.					
	Bresil					
	Esrolko					
	Delaw.	142			197	229
	Iberica					
	Icmesa					
Vanicol	Lyon					
	Vernier	59				
	Whytel.					
	Totale	201			197	229
	Arg.					
	Bresil					
Valerianate Benzyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	72				
Valerianate Cinnamyle	Whytel.					
	Totale	72				
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Valerianate Citronellyle	Iberica	4				
	Icmesa					
	Lyon					
	Vernier	15				
	Whytel.	41				
	Totale	60				

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Valerianate Benzyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.	463		14		
	Iberica					
	Icmesa					
Valerianate Cinnamyle	Lyon	1				1
	Vernier	51			64	
	Whytel.	22				22
	Totale	537		14	64	23
	Arg.					
	Bresil					
Valerianate Citronellyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier	1			3	
Valerianate Ethyle	Whytel.					
	Totale	1			3	
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Valerianate Geranyle	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Valerianate Linalyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Valerianate Phenylethyle	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Gamma Valerolactone	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Vanicerol 40	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Vanicol	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Valerianate Benzyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Valerianate Cinnamyle	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Valerianate Citronellyle	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Valerianate Ethyle	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Valerianate Geranyle	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					
Valerianate Linalyle	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
Valerianate Phenylethyle	Lyon					
	Vernier					
	Whytel.					
	Totale					
	Arg.					
	Bresil					
Gamma Valerolactone	Esrolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon					
	Vernier					
Vanicerol 40	Whytel.					
	Totale					
	Arg.					
	Bresil					
	Esrolko					
	Delaw.					
Vanicol	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Vanille	Arg.					
	Bresil					
	Eserolko					
	Delaw.			3		
	Iberica					
	Icmesa	5		98		5
Vanilline	Lyon	10		12	1	
	Vernier					
	Whytel.			113	1	5
	Totale	15				60
	Arg.	48				
	Bresil			785		2,200
Veracetone (Allyle Acetone)	Eserolko	1,596		2,008	30,500 R	
	Delaw.	36,712	41	24		
	Iberica	3,129	6		22,845	
	Icmesa			153		725
	Lyon	677		580	22,667	2,000
	Vernier	13,230	9,750	715		853
Versalide (Musc 1233)	Whytel.	142		4,241	76,012	5,838
	Totale	55,534	9,797			
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Vetinal	Iberica					
	Icmesa					
	Lyon		933		466	
	Vernier					
	Whytel.		933		466	
	Totale	37		8		110
Vetivene	Arg.					
	Bresil					
	Eserolko	3		13		28
	Delaw.	20,533	7,877	860	31,929	
	Iberica	90	24	35		65
	Icmesa			10		600
Vetivene	Lyon	565		373	15,112	
	Vernier	9,132	14,940	64		4,037
	Whytel.	3,323			47,041	4,840
	Totale	33,683	22,841	1,363		
	Arg.					
	Bresil					
Vetivene	Eserolko					
	Delaw.					
	Iberica					
	Icmesa					
	Lyon	60		94		90
	Vernier	332	244	690		
Vetivene	Whytel.			794		100
	Totale	392	244			
	Arg.					
	Bresil					
	Eserolko					
	Delaw.					
Vetivene	Iberica	1				
	Icmesa					
	Lyon					
	Vernier		194		652	
	Whytel.	530		92	644	
	Totale	531	194	262	1,296	150

		Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achétée
Vetivene	Arg.					
	Bresil					
	Eserolko			14	14	
	Delaw.					
	Iberica					
	Icmesa					
Vetivene	Lyon					
	Vernier			14	14	
	Whytel.				1	
	Totale	6			564	125
	Arg.					
	Bresil			118		
Vetivene	Eserolko				30	
	Delaw.	24				
	Iberica					
	Icmesa			50	184	
	Lyon	15		20	247	
	Vernier	219		4	146	
Vetivene	Whytel.	141		203	1,172	125
	Totale	405				
	Arg.					
	Bresil			171	122	
	Eserolko	25		155	20,163	150
	Delaw.	18,917		1		
Vetivene	Iberica	22				
	Icmesa			8	47	
	Lyon	64		96	2,030	
	Vernier	1,616		19	1,520	
	Whytel.	1,409		450	23,882	150
	Totale	22,053				
Vetivene	Arg.					
	Bresil			107	478	
	Eserolko	31		237	3,819	150
	Delaw.	3,048		5		20
	Iberica	5	7		11,830	
	Icmesa			15		25
Vetivene	Lyon	9		30		
	Vernier	492		5		5
	Whytel.			399	16,127	200
	Totale	3,585	7			
	Arg.					
	Bresil			163		279
Vetivene	Eserolko			15	49	
	Delaw.			2		13
	Iberica					
	Icmesa			412		1,758
	Lyon	1,472		940	200 R	
	Vernier	60		115		159
Vetivene	Whytel.			1,647	249	2,209
	Totale	1,532				
	Arg.					
	Bresil					
	Eserolko			10		10
	Delaw.					
Vetivene	Iberica					
	Icmesa					
	Lyon					
	Vernier					
	Whytel.					
	Totale					

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	Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Arg.					
Bresil					
Esrolko		2,486			70,995
Delaw.	91	67,038			
Iberica					
Icmesa					
Lyon					47,222
Vernier		34,213			
Whytel.					118,217
Totale	91	103,737			
Arg.					
Bresil					
Esrolko					
Delaw.					
Iberica					
Icmesa					
Lyon					
Vernier					
Whytel.					
Totale					
Arg.					
Bresil					
Esrolko					
Delaw.					
Iberica					
Icmesa					
Lyon					
Vernier					
Whytel.					
Totale					
Arg.					
Bresil					
Esrolko					
Delaw.					
Iberica					
Icmesa					
Lyon					
Vernier					
Whytel.					
Totale					
Arg.					
Bresil					
Esrolko					
Delaw.					
Iberica					
Icmesa					
Lyon					
Vernier					
Whytel.					
Totale					
Arg.					
Bresil					
Esrolko					
Delaw.					
Iberica					
Icmesa					
Lyon					
Vernier					
Whytel.					
Totale					

TOTAL - PRODUCTION ET VENTES - PRODUITS DEFINIS

	Quantité Vendue	Consommé Fabrication	Consommé Composition	Production Totale	Quantité Achetée
Argentine	8,116			592	
Bresil				199,885	
Esrolko	35,931			35,118	
Delawanna	2,904,803			3,986,816	
Iberica	27,741			2,851	
Icmesa				4,291,556	
Lyon	201,273			252,118	
Vernier	710,112			1,226,210	
Whyteleafe	256,656			259,225	
Totale	4,144,632	2,375,508	864,162	10,254,371	2,068,140

TOTAL - PRODUCTION ET VENTES - COMPOSITIONS

	Quantité Vendue	Production Totale	Quantité Achetée
Argentine		5,289	
Bresil			
Esrolko	101,084	101,084	
Delawanna	857,578	857,578	
Iberica	6,430		
Icmesa			
Lyon	140,000	140,000	
Vernier	199,838		2,210
Whyteleafe	74,976	74,976	
Totale	1,379,906	1,178,927	2,210

TOTAL - PRODUCTION ET VENTES - AROMES

	Quantité Vendue	Production Totale	Quantité Achetée
Argentine			
Bresil			
Esrolko	189,597	189,597	
Delawanna	149,085	156,619	
Iberica	1,410		
Icmesa			
Lyon	134		114
Vernier	2,687		
Whyteleafe			
Totale	342,913	346,216	114

SERVICES

CHARBON

	Charbon tonnes	Prix Fr. Suisse
Argentine		
Bresil		
Esrolko		
Delawanna		
Iberica		
Icmesa	995	78,754
Lyon		
Vernier		
Whyteleafe		
Totale	995	78,754

EAU

	m ³ Eau de ville	Prix Fr. Suisse	m ³ Eau de puits	Prix Fr. Suisse
Argentine			104,129	
Bresil				
Esrolko	66,229	6,488	20,000	1,000
Delawanna	1,947,234	284,647		
Iberica			1,555,000	
Icmesa	81,240	10,527	320,565	12,153
Lyon	644,612	93,078	1,500,000	48,970
Vernier	128,700	39,864		
Whyteleafe				
Totale	2,868,015	434,604	3,499,694	62,123

EAUX d'EGOUTS

	m ³ Eaux d'Egouts	Prix du traitement Fr. Suisse
Argentine		
Bresil		
Esrolko	1,751,475	46,685
Delawanna	800	45
Iberica		
Icmesa		
Lyon		
Vernier	ca. 100,000	
Whyteleafe		
Totale	1,852,275	45,730

ELECTRICITE

	KWH Electricité Acheteée	Prix Fr. Suisse	KWH Electricité Produite	Prix Fr. Suisse
Argentine			33,096	
Bresil	588,750			
Esrolko	155,582	12,639		
Delawanna	5,148,000	293,466	25,482	4,950
Iberica	220,850	14,892		
Icmesa	1,731,000	159,090		
Lyon	706,800	51,904		
Vernier	2,941,970	150,580		
Whyteleafe	609,960	56,450		
Totale	12,102,912	739,021	58,578	4,950

GAZ

	m ³ Gaz	Prix Fr. Suisse	kg. Propane-Butane	Prix Fr. Suisse
Argentine			10,917	
Bresil				
Esrolko	4,121	1,168		
Delawanna	184,450	32,091	2,199	297
Iberica				
Icmesa	3,006,000 *	230,010		
Lyon	138,850	17,639		
Vernier	146,159	26,100		
Whyteleafe	1,390	2,850		
Totale	3,480,970	309,858	13,116	297

*pour chaudières

HUILE DISTILLE

	Huile distillée pour chauffage ou vapeur tonnes metric	Prix Fr. Suisse
Argentine		
Bresil	457	
Esrolko	285	51,300
Delawanna	119	21,212
Iberica	60	9,085
Icmesa		
Lyon	1,619	195,708
Vernier	2,795	331,150
Whyteleafe	462	64,326
Totale	5,797	672,781

MAZOUT

	Mazout pour vapeur Tonnes metric	Prix Fr. Suisse
Argentine		
Bresil		
Esrolko		
Delawanna	7,030	472,965
Iberica		
Icmesa		
Lyon		
Vernier		
Whyteleafe		
Totale	7,030	472,965

VAPEUR

	Production de vapeur - en tonnes metric	Fr. Suisse
Argentine		
Bresil	4,570	
Esrolko	3,208	72,800
Delawanna	96,483	489,314
Iberica	720	9,084
Icmesa	25,000	
Lyon	28,477	423,365
Vernier	29,000	571,663
Whyteleafe	6,600	90,902
Totale	194,058	1,657,128

COURS DE CHANGE

(New York - 20 Mai, 1963)

Angleterre	100 Pounds	= 1,208 Fr. Suisse
Argentine	100 Pesos	= 3.13 Fr. Suisse
Bresil	100 Cruzeiros	= .721 Fr. Suisse
Espagne	100 Pesetas	= 7.21 Fr. Suisse
Etats Unis	1 Dollar	= 4.30 Fr. Suisse
France	100 Francs	= 88.1 Fr. Suisse
Italie	100 Lira	= .697 Fr. Suisse

NOMBRE d'EMPLOYES ET OUVRIERS

	Nombre totale usine et bureaux	Nombre de chimistes ingenieurs, etc. professionels	Nombre d'employes de bureaux
Argentine	14	1	7
Bresil	148	4	51
Esrolko	127	5	42
Delawanna	417	40	56
Iberica	83	10	33
Icmesa	163	4	25
Lyon	164	8	17
Vernier	466	30	138
Whyteleafe	117	6	25
Totale	1,699	108	294

	Nombre d'ouvriers de production	Nombre de mecaniciens metiers et ouvriers pour l'entretien de l'usine	Nombre d'ouvriers pour la reception des matieres premieres, preparation des melanges, l'emballage et l'envoi
Argentine	3	1	2
Bresil	30	29	30
Esrolko	10	5	52
Delawanna	149	57	78
Iberica	10	11	14
Icmesa	73	26	11
Lyon	67	20	46
Vernier	101	72	74
Whyteleafe	34	17	13
Totale	477	238	320

	Nombre d' ouvriers pour chaudieres	Nombre de gardes de nuit et de jours feries
--	--	--

Argentine	3	4
Bresil	2	1
Esrolko	5	10
Delawanna	1	2
Iberica	6	4
Icmesa	3	2
Lyon	2	7
Vernier	2	1
Whyteleafe	2	
Totale	24	34

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- A -

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 Acetanisole, 2
 Acetate AL, 2
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 α -Amyl Cinnamic Aldehyde Dimethyl
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 Anisidine (ortho), 32
 Anisole, 32
 Anisyl Acetate, 3
 Anisyl Alcohol, 17
 Anisyl Formate, 70
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GIVAUDAN-ROURE

Certified Mail
Z 104 553 510

February 20, 1996

Passaic County Right To Know Coordinator
Paterson Department of Health
311 Pennsylvania Avenue
Paterson, New Jersey 07505

Re: Community Right To Know Survey

Dear Sir/Madam:

Givaudan-Roure Corporation located at 125 Delawanna Avenue in Clifton N.J. has completed the 1995 Community Right To Know Survey to satisfy the requirements of both the Federal Title III, Section 312 of the Superfund Amendments and Reauthorization Act (SARA) and the New Jersey Worker and Community Right To Know Act. Givaudan-Roure is not filing a trade secret claim, but is requesting that the information contained in the report be treated as confidential in nature to afford the success of our business.

I trust the information contained in this survey is complete. However, if additional information is required, please call me directly at (201) 365-8484.

Sincerely,

Givaudan-Roure Corporation



Chester Makowski REP, C.H.M.M.
Manager - Environmental Projects

cc:

NJDEP
Passaic County RTK Coordinator
Clifton City OEM
Clifton Fire Dept.
Clifton Police Dept.

GIVAUDAN-ROURE CORPORATION

Delawanna Avenue Clifton, New Jersey 07015-5034 • Tel: (201) 365-5000 • Telex 21959 giv ur
Fax: (201) 365-0151 • Headquarters: (201) 365-0111 • Plant:

877240854

GIVAUDAN-ROURE

Certified Mail
Z 104 553 511

February 20, 1996

LT. Kenneth P. Snagusky
Clifton City OEM
900 Clifton Ave Fire HQTS
Clifton, New Jersey 07013

Re: Community Right To Know Survey

Dear Sir/Madam:

Givaudan-Roure Corporation located at 125 Delawanna Avenue in Clifton N.J. has completed the 1995 Community Right To Know Survey to satisfy the requirements of both the Federal Title III, Section 312 of the Superfund Amendments and Reauthorization Act (SARA) and the New Jersey Worker and Community Right To Know Act. Givaudan-Roure is not filling a trade secret claim, but is requesting that the information contained in the report be treated as confidential in nature to afford the success of our business.

I trust the information contained in this survey is complete. However, if additional information is required, please call me directly at (201) 365-8484.

Sincerely,

Givaudan-Roure Corporation



Chester Makowski REP, C.H.M.M.
Manager - Environmental Projects

cc:

NJDEP
Passaic County RTK Coordinator
Clifton City OEM
Clifton Fire Dept.
Clifton Police Dept.

GIVAUDAN-ROURE CORPORATION

Delawanna Avenue, Clifton, New Jersey 07013-5034 • Telex (201) 365-8000 • Telex 21259 givc ur
Fax (201) 365-1315 (Headquarters) (201) 365-0711 (Plant)

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Attachment 5D
1995 Production Information

GIVAUDAN-ROURE

Certified Mail
Z 104 553 512

February 20, 1996

Chief Frank LoGioco
Clifton Police Department
900 Clifton Avenue
Clifton, New Jersey 07013

Re: Community Right To Know Survey

Dear Sir/Madam:

Givaudan-Roure Corporation located at 125 Delawanna Avenue in Clifton N.J. has completed the 1995 Community Right To Know Survey to satisfy the requirements of both the Federal Title III, Section 312 of the Superfund Amendments and Reauthorization Act (SARA) and the New Jersey Worker and Community Right To Know Act. Givaudan-Roure is not filling a trade secret claim, but is requesting that the information contained in the report be treated as confidential in nature to afford the success of our business.

I trust the information contained in this survey is complete. However, if additional information is required, please call me directly at (201) 365-8484.

Sincerely,

Givaudan-Roure Corporation



Chester Makowski REP, C.H.M.M.
Manager - Environmental Projects

cc:

NJDEP
Passaic County RTK Coordinator
Clifton City OEM
Clifton Fire Dept.
Clifton Police Dept.

GIVAUDAN-ROURE CORPORATION

Delawanna Avenue Clifton, New Jersey 07013-5234 • Tel: (201) 365-8000 • Telex 21959 givaur
Fax (201) 365-1015 (Headquarters) (201) 365-0711 (Plant)

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GIVAUDAN-ROURE

Certified Mail
Z 104 553 515

February 20, 1996

Chief Walter E. DeGroot
Clifton Fire Department
900 Clifton Avenue
Clifton, New Jersey 07013

Re: Community Right To Know Survey

Dear Sir/Madam:

Givaudan-Roure Corporation located at 125 Delawanna Avenue in Clifton N.J. has completed the 1995 Community Right To Know Survey to satisfy the requirements of both the Federal Title III, Section 312 of the Superfund Amendments and Reauthorization Act (SARA) and the New Jersey Worker and Community Right To Know Act. Givaudan-Roure is not filing a trade secret claim, but is requesting that the information contained in the report be treated as confidential in nature to afford the success of our business.

I trust the information contained in this survey is complete. However, if additional information is required, please call me directly at (201) 365-8484.

Sincerely,

Givaudan-Roure Corporation



Chester Makowski REP, C.H.M.M.
Manager - Environmental Projects

cc:

NJDEP
Passaic County RTK Coordinator
Clifton City OEM
Clifton Fire Dept.
Clifton Police Dept.

GIVAUDAN-ROURE CORPORATION

Delawanna Avenue Clifton New Jersey 07015-5034 • Telex (201) 365-8000 • Telex 01959 givou
Fax (201) 365-015 (Responsible) (201) 365-0711 (Gen)

877240858

bcc:

J. Lopez
R. Naipawer
W. Orton
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D. Schuster
A. Soos
A. Stofa
R. Tavares
J. Zgurzynski

GIVAUDAN-ROURE

Certified Mail
Z 104 550 446

February 20, 1996

NJDEP
Community Right To Know Survey
CN 405
Trenton, New Jersey 08625-0405

Re: INCORRECT SIC CODE NUMBER

Dear Sir/Madam:

The Standard Industrial Classification (SIC) Code number on the attached 1995 Community Right To Know Survey is incorrect. The correct SIC Code should be 2869.

The correct SIC Code (2869) has been noted on the survey form. Please amend your files and those of the New Jersey Department Of Labor. Form FS-68 makes no provisions for SIC Code corrections. Please accept this letter of request.

Sincerely,

Givaudan-Roure Corporation



Chester Makowski REP, C.H.M.M.
Manager - Environmental Projects

GIVAUDAN-ROURE CORPORATION

Delawanna Avenue, Clifton, New Jersey 07015-5034 • Tel (201) 365-8500 • Telex 21959 giva ur
Fax (201) 365-1015 (Headquarters) (201) 365-0711 (Plant)

877240860

COMMUNITY RIGHT TO KNOW SURVEY FOR 1995

For State and Federal Community Right to Know Reporting

Please type this form.

THIS PAGE MUST BE COMPLETED, SIGNED, AND RETURNED.

(A)

FACILITY LOCATION

0 0 2 4 2 3 0 2 0 0 0

2869

2087

ATTN: JOSEPH ZGURZYNSKI
GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVENUE
CLIFTON, NJ 070155034

0 0 2 4 2 3 0 2 0 0 0 1 6 0 2

GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

See instructions if information on these forms is incorrect.

(B) Does this facility Produce, Store or Use any Environmental Hazardous Substances listed on Table A: 1. in any quantity? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. above thresholds? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(D) Number of employees at facility 600
	(E) Number of facilities in New Jersey 1
(C) Briefly describe the nature of the operations or business conducted at this facility: Manufacturer of aroma chemicals and fragrances	(F) Federal EIN 00242302000
	(G) If you are claiming an R&D lab exemption for this facility, enter your approval number here. P0220
(H) Check box if facility is reporting pursuant only to Section 312 of the Federal Emergency Planning and Community Right to Know Act (EPCRA/SARA, Title III) <input type="checkbox"/>	
(I) FACILITY EMERGENCY CONTACT Name JOHN SCHAUBACH Title MGR. OF SAFETY & LOSS PREVENTION Facility Phone Number (201) 365-8457 Emergency Contact Phone Number (201) 337-7974	

☐

NOTE: Check box only if the facility information in boxes A, D, E, I or J has changed since your last submittal.

(Electronic Submittal Only)

Password _____

(J) CERTIFICATION OF OWNER/OPERATOR OR AUTHORIZED REPRESENTATIVE — I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.	
Signature <u>Joseph Zgurzynski</u>	Date <u>2/9/96</u>
Name <u>Joseph Zgurzynski</u>	Title <u>Director, Safety, Health and Environmental Affairs</u>
Fax # <u>(201) 365-0711</u>	Phone # <u>(201) 365-8566</u>

RETURN SIGNED ORIGINAL TO:
NJDEP
Community Right To Know Survey
CN 405
Trenton, NJ 08625-0405

You are required to send copies of this survey to the agencies listed on Page 24 of the instruction guide. You must also keep a copy at your facility.

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GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Acetaldehyde Substance Number: 0001 CAS Number: 000075-07-0 DOT Number: 1089 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 1st floor Map loc. S-4	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DP Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #168 Map location N-6	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Tank 8010 Map loc. O-4	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

CONTAINER CODES AND DESCRIPTIONS		INVENTORY RANGE CODES ¹	STORAGE TEMPERATURE AND PRESSURE CODES
TA Above ground tank	BA Bag	20 Greater than 10 million pounds	Pressure
T8 Below ground tank	BX Box	19 1,000,001 to 10 million pounds	01 Ambient* pressure
T1 Tank inside building	CY Cylinder	18 600,001 to 1 million pounds	02 Greater than ambient pressure
OS Steel drum	BG Bottles or jugs (glass)	17 250,001 to 500,000 pounds	03 Less than ambient pressure
OP Plastic drum	BP Bottles or jugs (plastic)	16 100,001 to 250,000 pounds	Temperature
DF Fiber drum	BN Tote bin	15 60,001 to 100,000 pounds	04 Ambient temperature
CN Can	TV Tank Wagon	14 10,001 to 50,000 pounds	05 Greater than ambient temperature
CB Carboy	RC Railcar	13 1,001 to 10,000 pounds	06 Greater than ambient temperature but not cryogenic (freezing conditions)
SI Silo	QT Other (Describe)	12 101 to 1,000 pounds	07 Cryogenic conditions (less than -200°C)
		11 11 to 100 pounds	
		10 1 to 10 pounds	
		09 Less than 1 pound	

¹ Note: Please see pages 14 thru 17 for gallon and cubic feet conversion factors

* Ambient means "normal," "surrounding," or "room" conditions.

DEQ-084

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GIVAUDAN-ROURE CORPORATION
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PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS 201 Tank Farm Map location O-10	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location L-9	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 90 Storage pressure: 01 Storage temperature: 04
Name: Acetic Acid (Glacial) Substance Number: 0004 CAS Number: 000064-19-7 DOT Number: 2789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Anhydride Substance Number: 0005 CAS Number: 000108-24-7 DOT Number: 1715 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #168 Map location N-6	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Anhydride Substance Number: 0005 CAS Number: 000108-24-7 DOT Number: 1715 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetic Anhydride Substance Number: 0005 CAS Number: 000108-24-7 DOT Number: 1715 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Acetone Substance Number: 0006 CAS Number: 000067-64-1 DOT Number: 1090 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #94 Map location O-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetone Substance Number: 0006 CAS Number: 000067-64-1 DOT Number: 1090 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Ubiquitous	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Acetone Substance Number: 0006 CAS Number: 000067-64-1 DOT Number: 1090 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #200 Map location N-10	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Alcohol C-12 Lauric Substance Number: None CAS Number: 000112-53-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Map location P-14	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Alcohol C-12 Lauric Substance Number: None CAS Number: 000112-53-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map location R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Alpha Pinene Substance Number: 0052 CAS Number: 000080-56-8 DOT Number: 2368 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location R-3	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Alpha Pinene Substance Number: 0052 CAS Number: 000080-56-8 DOT Number: 2368 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. 95 Outside tank Map loc. R-3	Container Type: TA Max. daily inventory: 16 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Amsco Solv F Substance Number: None CAS Number: None DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Tank 8040 Map loc. Q-4	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 120 Storage pressure: 01 Storage temperature: 04
Name: Amyl Salicylate Substance Number: None CAS Number: 002050-08-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Amylcinnamic Aldehyde Substance Number: None CAS Number: 001331-92-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #72 2nd Floor Map loc. P-15	Container Type: CN Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Amyl Alcohol Substance Number: 0124 CAS Number: 000071-41-0 DOT Number: 1105 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Aubepine Substance Number: None CAS Number: 000123-11-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Map location S-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Aubepine Substance Number: None CAS Number: 000123-11-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Aubepine Substance Number: None CAS Number: 000123-11-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #168 Map location N-6	Container Type: Max. daily inventory: Avg. daily inventory: Days on site: Storage pressure: Storage temperature:
Name: Aubepine Substance Number: None CAS Number: 000123-11-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location P-4	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzaldehyde Substance Number: 0196 CAS Number: 000100-52-7 DOT Number: 1989 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-20	Container Type: BN Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzaldehyde Substance Number: 0196 CAS Number: 000100-52-7 DOT Number: 1989 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location O-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzaldehyde Substance Number: 0196 CAS Number: 000100-52-7 DOT Number: 1989 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg #78 Outside Map location S-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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GIVAUDAN-ROURE CORPORATION
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PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Benzaldehyde Substance Number: 0196 CAS Number: 000100-52-7 DOT Number: 1989 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 90 Storage pressure: 01 Storage temperature: 04
Name: Benzodihydropyrone Substance Number: None CAS Number: 000119-84-6 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #72 2nd flr. Map loc. P-15	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzoic Acid Substance Number: 0209 CAS Number: 000065-85-0 DOT Number: 9094 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: BA Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzoic Acid Substance Number: 0209 CAS Number: 000065-85-0 DOT Number: 9094 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location R-7	Container Type: BA Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzoic Acid Substance Number: 0209 CAS Number: 000065-85-0 DOT Number: 9094 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #90 Map location V-8	Container Type: BA Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Acetate Substance Number: None CAS Number: 000140-11-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location G-21	Container Type: BN Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Benzyl Acetate Substance Number: None CAS Number: 000140-11-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location G-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Acetate Substance Number: None CAS Number: 000140-11-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Map location R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Alcohol Substance Number: None CAS Number: 000100-51-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Chloride Substance Number: 0217 CAS Number: 000100-44-7 DOT Number: 1736 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Map location R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Chloride Substance Number: 0217 CAS Number: 000100-44-7 DOT Number: 1736 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Salicylate Substance Number: None CAS Number: 000118-58-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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31VAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Benzyl Salicylate Substance Number: None CAS Number: 000118-58-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-20	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Brake Fluid Substance Number: 2178 CAS Number: None DOT Number: 1118 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #67 Map location P-14	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Bromine Purified Substance Number: 0252 CAS Number: 007726-95-6 DOT Number: 1744 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire (X) Sudden release of pressure (X) Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Bromine Vault Map loc. R-6	Container Type: DS Max. daily inventory: 15 Avg. daily inventory: 13 Days on site: 170 Storage pressure: 02 Storage temperature: 04
Name: Bromine Purified Substance Number: 0252 CAS Number: 007726-95-6 DOT Number: 1744 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire (X) Sudden release of pressure (X) Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #93 Bromine Room Map loc. Q-4	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 170 Storage pressure: 02 Storage temperature: 04
Name: Butyl Alcohol Substance Number: 1645 CAS Number: 000078-92-2 DOT Number: 1120 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butyl Benzaldehyde Substance Number: None CAS Number: 000939-97-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location R-4	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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VAUDAN-ROURE CORPORATION
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PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Butyl Benzaldehyde Substance Number: None CAS Number: 000939-97-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Map location T-4	Container Type: BN Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butyl Benzaldehyde Substance Number: None CAS Number: 000939-97-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Outside Map loc. T-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butyl Benzaldehyde Substance Number: None CAS Number: 000939-97-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Outside Map location T-2	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butyl Toluene, p-t- Substance Number: 1620 CAS Number: 000098-51-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #82 Map location P-5	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butylbenzaldehyde-REC Substance Number: None CAS Number: 000939-97-9 DOT Number: None Pure () or Mixture () Solid () Liquid () Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Map location S-3	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butyraldehyde Substance Number: 0299 CAS Number: 000123-72-8 DOT Number: 1129 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Butyraldehyde Substance Number: 0299 CAS Number: 000123-72-8 DOT Number: 1129 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 90 Storage pressure: 01 Storage temperature: 04
Name: Butyric Acid Substance Number: 0300 CAS Number: 000107-92-6 DOT Number: 2820 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Butyric Acid Substance Number: 0300 CAS Number: 000107-92-6 DOT Number: 2820 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Calcium Chloride Substance Number: None CAS Number: 010043-52-4 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #90 Map location V-8	Container Type: BA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Campholenic Aldehyde Substance Number: None CAS Number: 004501-58-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #82 Map location D-7	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Campholenic Aldehyde Substance Number: None CAS Number: 004501-58-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location R-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Campholenic Aldehyde Substance Number: None CAS Number: 004501-58-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location R-4	Container Type: TA Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Cinnamic Alcohol Substance Number: None CAS Number: 000106-23-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #105 Map location V-26	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Name: Citronellal Substance Number: None CAS Number: 000106-23-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Name: Citronellal Substance Number: None CAS Number: 000106-23-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 200 Storage pressure: 01 Storage temperature: 04
Name: Citronella Oil Substance Number: None CAS Number: 008000-29-1 DOT Number: None Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location M-12	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 200 Storage pressure: 01 Storage temperature: 04
Name: Citronella Oil Substance Number: None CAS Number: 008000-29-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. 78 Outside Map loc. Q-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Citronellol Substance Number: None CAS Number: 000106-22-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Citronellol Substance Number: None CAS Number: 000106-22-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Map location S-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Copper Chromate Cat Substance Number: 2891 CAS Number: None DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-1	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Coumarin Substance Number: None CAS Number: 000091-64-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #67 Map location O-14	Container Type: DF Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Coumarin Substance Number: None CAS Number: 000091-64-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DF Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Coumarin Substance Number: None CAS Number: 000091-64-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DF Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: p-Cresol Substance Number: 1468 CAS Number: 000106-44-5 DOT Number: 2076 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #78 Outside Map loc. R-8		
Name: p-Cresol Substance Number: 1468 CAS Number: 000106-44-5 DOT Number: 2076 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #103 Map loc. F-22		
Name: Cresote Oil Substance Number: 0517 CAS Number: 008001-58-9 DOT Number: 1993 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #103 Map location F-22		
Name: Crysolide Substance Number: None CAS Number: 13171-00-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #105 Map location V-26		
Name: Cyclamen Aldehyde Substance Number: None CAS Number: 000103-95-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #105 Map location V-26		
Name: Cyclamen Aldehyde Substance Number: None CAS Number: 000103-95-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #103 Map location E-23		

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply).	INVENTORY INFORMATION
Name: Cyclamen Aldehyde Substance Number: None CAS Number: 000103-95-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Cyclohexane Substance Number: 0565 CAS Number: 000110-82-7 DOT Number: 1145 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Cyclohexane Substance Number: 0565 CAS Number: 000110-82-7 DOT Number: 1145 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Detyl Extra Substance Number: None CAS Number: 000110-27-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #72 2nd Floor Map loc. P-15	Container Type: CN Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Detyl Extra Substance Number: None CAS Number: 000110-27-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #72 2nd Floor Map loc. P-15	Container Type: CN Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Detyl Prime Substance Number: None CAS Number: 000142-91-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #72 2nd Floor Map loc. P-15	Container Type: CN Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Delyl Prime Substance Number: None CAS Number: 000142-91-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: CN Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #72 2nd Floor Map loc. P-15		
Name: Diethyl Amine Substance Number: 0690 CAS Number: 000091-66-7 DOT Number: 2686 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #78 Outside Map loc. R-8		
Name: Dimethyl formamide Substance Number: 0759 CAS Number: 000068-12-2 DOT Number: 2265 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #68 Map location O-7		
Name: Dimethyl Formamide Substance Number: 0759 CAS Number: 000068-12-2 DOT Number: 2265 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #78 Outside Map loc. S-8		
Name: Dimethyl Phthalate Substance Number: None CAS Number: 000131-11-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #103 Map location G-21		
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #67 Map location R-14		

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location N-11	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location M-11	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethanol Substance Number: 0844 CAS Number: 000054-17-5 DOT Number: 1170 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Acetate Substance Number: 0841 CAS Number: 000141-78-6 DOT Number: 1173 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #168 Map location O-7	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Alcohol Substance Number: 0844 CAS Number: 000054-17-5 DOT Number: 1170 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #67 Map location P-14	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Ethyl Amyl Ketone Substance Number: 0848 CAS Number: 000541-85-5 DOT Number: 2271 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Amyl Ketone Substance Number: 0848 CAS Number: 000541-85-5 DOT Number: 2271 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #67 Map location Q-14	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Butyrate Substance Number: 0862 CAS Number: 000105-54-4 DOT Number: 1180 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location 103	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Hexanol Substance Number: None CAS Number: 000104-76-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): 201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Hexyl Acetate Substance Number: None CAS Number: 000103-09-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): 201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Hexyl Acetate Substance Number: None CAS Number: 000103-09-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): 201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: 2-Ethyl Hexyl Acetate Substance Number: None CAS Number: 000103-09-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #168 Map location N-6	Container Type: TA Max. daily inventory: 16 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Monochloroacetate Substance Number: 0864 CAS Number: 000105-39-5 DOT Number: 1181 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Monochloroacetate Substance Number: 0864 CAS Number: 000105-39-5 DOT Number: 1181 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #67 Map location Q-14	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Monochloroacetate Substance Number: 0864 CAS Number: 000105-39-5 DOT Number: 1181 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Salicylate Substance Number: None CAS Number: 000118-61-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Salicylate Substance Number: None CAS Number: 000118-61-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location N-11	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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Name: Ethyl Salicylate Substance Number: None CAS Number: 000118-61-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Map location R-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Eucalyptus Oil Substance Number: None CAS Number: 008000-48-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Eucalyptus Oil Substance Number: None CAS Number: 008000-48-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Fir Balsam Needles Substance Number: None CAS Number: 008021-28-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: BA Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Fir Balsam Needles Substance Number: None CAS Number: 008021-28-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Map location R-7	Container Type: BA Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Fire Extinguishers Substance Number: 2417 CAS Number: None DOT Number: 1044 Pure () or Mixture (X) Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Ubiquitous	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Fixolide Substance Number: None CAS Number: 021145-77-7 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #9 Map location E-15	Container Type: DF- Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Fixolide Substance Number: None CAS Number: 021145-77-7 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Map location R-7	Container Type: BX Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Formaldehyde Substance Number: 0946 CAS Number: 000050-00-0 DOT Number: 1198 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Formaldehyde Substance Number: 0946 CAS Number: 000050-00-0 DOT Number: 1198 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Formic Acid Substance Number: 0948 CAS Number: 000064-18-6 DOT Number: 1179 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Formic Acid Substance Number: 0948 CAS Number: 000064-18-6 DOT Number: 1179 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #82 Map location P-6	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Fuel Oil (No. 2) Substance Number: 2444 CAS Number: 068476-30-2 DOT Number: 1993 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #7 Map location H-7	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Fuel Oil (No. 2) Substance Number: 2444 CAS Number: 068476-30-2 DOT Number: 1993 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #7 Map location H-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Fuel Oil (No. 2) Substance Number: 2444 CAS Number: 068476-30-2 DOT Number: 1993 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location F-14	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Fuel Oil (No. 6) Substance Number: 2444 CAS Number: 068553-00-4 DOT Number: 1993 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #7 Map location H-7	Container Type: TA Max. daily inventory: 18 Avg. daily inventory: 18 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Gasoline Substance Number: 0957 CAS Number: 068425-29-6 DOT Number: 1203 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Outside Map loc. R-13	Container Type: TB Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Gasoline Substance Number: 0957 CAS Number: 068425-29-6 DOT Number: 1203 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Outside Map loc. F-14	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 180 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Geraniol Substance Number: None CAS Number: 000106-24-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Outside Map loc. R-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Geraniol Substance Number: None CAS Number: 000106-24-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Geraniol Substance Number: None CAS Number: 000106-24-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #200 Map location M-12	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Geraniol Substance Number: None CAS Number: 000106-24-1 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: GIV-1495 Substance Number: None CAS Number: None DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location S-4	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: GIV-GARD BNS 25 Sol. Substance Number: None CAS Number: None DOT Number: None Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: GIV-GARD BNS 25 Sol. Substance Number: None CAS Number: None DOT Number: None Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location Q-7	Container Type: BN, DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: GIV-GARD DXN Substance Number: None CAS Number: 000828-00-2 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #72 Map location P-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: GIV-GARD DXN Substance Number: None CAS Number: 000828-00-2 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: GIV-GARD DXN Substance Number: None CAS Number: 000828-00-2 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location R-2	Container Type: DS Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: GIV-GARD DXN Substance Number: None CAS Number: 000828-00-2 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location R-2	Container Type: TI Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hazardous Waste Substance Number: 2461 CAS Number: None DOT Number: 9187 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #40 Inside Map loc. M-10	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Hazardous Waste Substance Number: 2461 CAS Number: None DOT Number: 9189 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #40 Tank TU-978 Map loc.T-5	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Heptane Substance Number: 1339 CAS Number: 000142-82-5 DOT Number: 1206 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Heptane Substance Number: 1339 CAS Number: 000142-82-5 DOT Number: 1206 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #94 Map location Q-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Heptane Substance Number: 1339 CAS Number: 000142-82-5 DOT Number: 1206 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #200 Map location N-10	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hexaldehyde Substance Number: 0993 CAS Number: 000066-25-1 DOT Number: 1207 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #72 Map location O-15	Container Type: CN Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hexyl Acetate Substance Number: 1227 CAS Number: 000108-84-9 DOT Number: 1233 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Hexylcinnamic Aldehyde Substance Number: None CAS Number: 000101-86-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hydrochloric Acid Substance Number: 1012 CAS Number: 007647-01-0 DOT Number: 1789 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-1	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hydrogen Substance Number: 1010 CAS Number: 001333-74-0 DOT Number: 1049 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	Location(s): (X) Fire (X) Sudden release of pressure (X) Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #71 Outside Map loc. P-9	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 02 Storage temperature: 07
Name: Hydrogen Substance Number: 1010 CAS Number: 001333-74-0 DOT Number: 1049 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	Location(s): (X) Fire (X) Sudden release of pressure (X) Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 07
Name: Hydrogen Substance Number: 1010 CAS Number: 001333-74-0 DOT Number: 1049 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	Location(s): (X) Fire (X) Sudden release of pressure (X) Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location S-4	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 07
Name: Hydrogen Substance Number: 1010 CAS Number: 001333-74-0 DOT Number: 1049 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	Location(s): (X) Fire (X) Sudden release of pressure (X) Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Map location P-14	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 07

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Name: Hydrogen Peroxide Substance Number: 1015 CAS Number: 007722-84-1 DOT Number: 2984 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hydroquinone Substance Number: 1019 CAS Number: 000123-31-9 DOT Number: 2662 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #67 Map location P-14	Container Type: DF Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hydroquinone Substance Number: 1019 CAS Number: 000123-31-9 DOT Number: 2662 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location M-12	Container Type: DP Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hydroxycitronellal Substance Number: None CAS Number: 000107-75-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #79 Map location O-5	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isobutylene Substance Number: None CAS Number: 000115-11-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	(X) Fire (X) Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): 201 Tank Farm Map loc. O-9	Container Type: CY Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 02 Storage temperature: 06
Name: Isobutyric Acid Substance Number: 1052 CAS Number: 000079-31-2 DOT Number: 2529 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: ds Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Isobutyric Acid Substance Number: 1052 CAS Number: 000079-31-2 DOT Number: 2529 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map Location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isolongifolene Substance Number: None CAS Number: 001135-66-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isopropyl Alcohol Substance Number: 1076 CAS Number: 000067-63-0 DOT Number: 1219 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location M-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isopropyl Alcohol Substance Number: 1076 CAS Number: 000067-63-0 DOT Number: 1219 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isopropyl Alcohol Substance Number: 1076 CAS Number: 000067-63-0 DOT Number: 1219 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Ubiquitous	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isopropyl Alcohol Substance Number: 1076 CAS Number: 000067-63-0 DOT Number: 1219 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #94 Map location R-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Isopropyl Alcohol Substance Number: 1076 CAS Number: 000067-63-0 DOT Number: 1219 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isopropyl Alcohol Substance Number: 1076 CAS Number: 000067-63-0 DOT Number: 1219 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): 201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Isopropyl Ether Substance Number: 0730 CAS Number: 000108-20-3 DOT Number: 1159 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Latex Paint Substance Number: 2885 CAS Number: None DOT Number: 2810 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #50 Map location P-12	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lemarome Substance Number: None CAS Number: 005392-40-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lemarome Substance Number: None CAS Number: 005392-40-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #105 Map location V-26	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #40 Row Map location L-9	Container Type: DS Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location S-2	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location N-11	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location M-11	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Lilial Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): 201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Crude Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location S-2	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Crude Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location S-3	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 375 Storage pressure: 01 Storage temperature: 04
Name: Lilial Crude Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location S-3	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Fractions Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location S-3	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Lilial Fractions Substance Number: None CAS Number: 000080-54-6 DOT Number: None Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #40 Row Map location L-9	Container Type: DS Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Linalool Substance Number: None CAS Number: 000078-70-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Linalool Substance Number: None CAS Number: 000078-70-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #72 Map location R-15	Container Type: BN Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Linalool Substance Number: None CAS Number: 000078-70-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #9 Map location F-15	Container Type: BN Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Linalyl Acetate Substance Number: None CAS Number: 000115-95-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Linalyl Acetate Substance Number: None CAS Number: 000115-95-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #72 Map location R-15	Container Type: BN Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Linalyl Acetate Substance Number: None CAS Number: 000115-95-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: BN Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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PART 2 1995 CHEMICAL INVENTORY REPORT

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Methallyl Chloride Substance Number: None CAS Number: 000563-47-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methallyl Chloride Substance Number: None CAS Number: 000563-47-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-1	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Alcohol Substance Number: 1222 CAS Number: 000067-56-1 DOT Number: 1230 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Alcohol Substance Number: 1222 CAS Number: 000067-56-1 DOT Number: 1230 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS 201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Alcohol Substance Number: 1222 CAS Number: 000067-56-1 DOT Number: 1230 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Ubiquitous	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Alcohol Substance Number: 1222 CAS Number: 000067-56-1 DOT Number: 1230 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Map location R-3	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Methyl Alcohol Substance Number: 1222 CAS Number: 000067-56-1 DOT Number: 1230 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #94 Map location R-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Alcohol Substance Number: 1222 CAS Number: 000067-56-1 DOT Number: 1230 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Amyl Ketone Substance Number: 1279 CAS Number: 000110-43-0 DOT Number: 1110 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Benzoate Substance Number: 1230 CAS Number: 000093-58-3 DOT Number: 2938 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Butynol Substance Number: None CAS Number: 000115-19-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Butynol Substance Number: None CAS Number: 000115-19-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Methyl Cedryl Ketone Substance Number: None CAS Number: 032388-55-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Outside Map loc. F-23	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Ethyl Ketone Substance Number: 1258 CAS Number: 000078-93-3 DOT Number: 1193 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Ethyl Ketone Substance Number: 1258 CAS Number: 000078-93-3 DOT Number: 1193 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Ethyl Ketone Substance Number: 1258 CAS Number: 000078-93-3 DOT Number: 1193 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location T-3	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Ethyl Ketone Substance Number: 1258 CAS Number: 000078-93-3 DOT Number: 1193 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location F-23	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Heptenone Substance Number: None CAS Number: 000409-02-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Methyl Heptenone Substance Number: None CAS Number: 000409-02-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-23	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Isoamyl Ketone Substance Number: 1261 CAS Number: 000110-12-3 DOT Number: 2302 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Ethyl Ketone Substance Number: 0196 CAS Number: 000078-93-3 DOT Number: 1193 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location R-3	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Methyl Isoamyl Ketone Substance Number: 1261 CAS Number: 000110-12-3 DOT Number: 2302 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Mixed Gas 1/1 H ₂ /CO Substance Number: None CAS Number: None DOT Number: None Pure () or Mixture (X) Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	(X) Fire (X) Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #94 Map location Q-5	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 04
Name: Mixed Gas 1/1 H ₂ /CO Substance Number: None CAS Number: None DOT Number: None Pure () or Mixture (X) Solid () Liquid () Gas (X) Trade Secret: () Check if claiming	(X) Fire (X) Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #71 Outside tanks Map loc. P-9	Container Type: CY Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 02 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Moskene Substance Number: None CAS Number: 000116-66-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #67 Map location O-14	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Moskene Substance Number: None CAS Number: 000116-66-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Moskene Substance Number: None CAS Number: 000116-66-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #78 Map location R-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Moskene Substance Number: None CAS Number: 000116-66-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #103 Map location E-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: MTCP Substance Number: None CAS Number: 065113-95-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: MTCP Substance Number: None CAS Number: 065113-95-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #200 Map location M-11	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: MTCP Substance Number: None CAS Number: 065113-95-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Map location S-4	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: MTCP Substance Number: None CAS Number: 065113-95-3 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive () Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Musk Ketone Substance Number: None CAS Number: 000081-14-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #67 Map location P-14	Container Type: DF Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Musk Ketone Substance Number: None CAS Number: 000081-14-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DF Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Musk Ketone Substance Number: None CAS Number: 000081-14-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-22	Container Type: DF Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Musk Tibetene Substance Number: None CAS Number: 000145-39-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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Name: Musk Tibetene Substance Number: None CAS Number: 000145-39-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Musk Xylol Substance Number: 2572 CAS Number: 000081-15-2 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DF Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Musk Xylol Substance Number: 2572 CAS Number: 000081-15-2 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #67 Map location O-14	Container Type: DF Max. daily inventory: 13 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Naphthalene Substance Number: 1322 CAS Number: 000091-20-3 DOT Number: 1334 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Map location R-7	Container Type: BA Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Nickel Catalyst Raney Powder Substance Number: 1314 CAS Number: 007440-02-0 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Map location Q-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Nickel Catalyst Raney Powder Substance Number: 1314 CAS Number: 007440-02-0 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Nitric Acid 50% Substance Number: 1356 CAS Number: 007697-37-6 DOT Number: 2031 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Map location R-7	Container Type: BG Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Nitrogen Gas Substance Number: 1375 CAS Number: 007727-37-9 DOT Number: 1066 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming Location(s):	() Fire (X) Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Ubiquitous	Container Type: CY Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 02 Storage temperature: 04
Name: Nitrogen Gas Substance Number: 1375 CAS Number: 007727-37-9 DOT Number: 1066 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming Location(s):	() Fire (X) Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Map location P-14	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 04
Name: Nitrogen Liquid Substance Number: 1375 CAS Number: 007727-37-9 DOT Number: 1066 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming Location(s):	() Fire (X) Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS Bldg. #71 Map location P-8	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 02 Storage temperature: 07
Name: Nitromethane Substance Number: 1386 CAS Number: 000075-52-5 DOT Number: 1261 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Nitromethane Substance Number: 1386 CAS Number: 000075-52-5 DOT Number: 1261 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Orange Oil Substance Number: None CAS Number: 008008-57-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Orange Oil Substance Number: None CAS Number: 008008-57-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #67 Outside Map loc. R-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Orange Oil Substance Number: None CAS Number: 008008-57-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location N-11	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Oranger Crystals Substance Number: None CAS Number: 000093-08-3 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #105 Map location V-26	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Name: Oranger Crystals Substance Number: None CAS Number: 000093-08-3 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location E-23	Container Type: CF Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Oranger Crystals Substance Number: None CAS Number: 000093-08-3 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #67 Map location P-14	Container Type: CF Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Ortho Cresol Substance Number: 1426 CAS Number: 000095-48-7 DOT Number: 2076 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Paint Lacquer Stain Substance Number: 2628 CAS Number: None DOT Number: 1263 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 04
Name: Para Cresyl Methyl Ether Substance Number: None CAS Number: 000104-93-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #200 Map location M-12	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Para Cresyl Methyl Ether Substance Number: None CAS Number: 000104-93-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Para Cresyl Methyl Ether Substance Number: None CAS Number: 000104-93-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #67 Outside Map loc. R-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Para Cymene Substance Number: None CAS Number: 000099-87-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Para Cymene Substance Number: None CAS Number: 000099-87-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Paraformaldehyde Substance Number: 1454 CAS Number: 030525-89-4 DOT Number: 2213 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: CF Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Phenylethyl Alcohol Substance Number: None CAS Number: 000060-12-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #67 Map location P-14	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Phenylethyl Alcohol Substance Number: None CAS Number: 000060-12-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Phenylethyl Alcohol Substance Number: None CAS Number: 000060-12-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Phosphoric Acid Substance Number: 1516 CAS Number: 007664-38-2 DOT Number: 1805 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #94 Map location Q-5	Container Type: DP Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Phosphoric Acid Substance Number: 1516 CAS Number: 007664-38-2 DOT Number: 1805 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Phosphoric Acid Substance Number: 1516 CAS Number: 007664-38-2 DOT Number: 1805 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #82 Map location P-6	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Phosphoric Acid Substance Number: 1516 CAS Number: 007664-38-2 DOT Number: 1805 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Potassium Hydroxide Substance Number: 1571 CAS Number: 001310-58-3 DOT Number: 1813 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Potassium Hydroxide 45% Substance Number: 1571 CAS Number: 001310-58-3 DOT Number: 1813 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Potassium Hydroxide 45% Substance Number: 1571 CAS Number: 001310-58-3 DOT Number: 1813 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location T-3	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Potassium Hydroxide 45% Substance Number: 1571 CAS Number: 001310-58-3 DOT Number: 1813 Pure <input type="checkbox"/> or Mixture <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Trade Secret: <input type="checkbox"/> Check if claiming Location(s):	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Potassium T-Butoxide Substance Number: None CAS Number: 000856-47-4 DOT Number: None Pure <input checked="" type="checkbox"/> or Mixture <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Trade Secret: <input type="checkbox"/> Check if claiming Location(s):	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Propionic Anhydride Substance Number: 1600 CAS Number: 000123-62-6 DOT Number: 2496 Pure <input checked="" type="checkbox"/> or Mixture <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Trade Secret: <input type="checkbox"/> Check if claiming Location(s):	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Propionic Anhydride Substance Number: 1600 CAS Number: 000123-62-6 DOT Number: 2496 Pure <input checked="" type="checkbox"/> or Mixture <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Trade Secret: <input type="checkbox"/> Check if claiming Location(s):	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Propyl Alcohol Substance Number: 1605 CAS Number: 000071-23-8 DOT Number: 1219 Pure <input checked="" type="checkbox"/> or Mixture <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Trade Secret: <input type="checkbox"/> Check if claiming Location(s):	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Propyl Aldehyde Substance Number: 1598 CAS Number: 000123-38-6 DOT Number: 1275 Pure <input checked="" type="checkbox"/> or Mixture <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Trade Secret: <input type="checkbox"/> Check if claiming Location(s):	<input checked="" type="checkbox"/> Fire <input type="checkbox"/> Sudden release of pressure <input checked="" type="checkbox"/> Reactive <input checked="" type="checkbox"/> Acute health effects <input checked="" type="checkbox"/> Chronic health effects <input type="checkbox"/> None per MSDS Bldg. #95 Map location S-3	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Propyl Aldehyde Substance Number: 1598 CAS Number: 000123-38-6 DOT Number: 1275 Pure (X) or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure (X) Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Map location R-4	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Propyl Aldehyde Substance Number: 1598 CAS Number: 000123-38-6 DOT Number: 1275 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure (X) Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 15 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Propylene Glycol Substance Number: None CAS Number: 000057-55-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Salicylic Acid Substance Number: None CAS Number: 000069-72-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: CF Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sandalore Substance Number: None CAS Number: 065113-99-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sandalore Substance Number: None CAS Number: 065113-99-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Sandalore Substance Number: None CAS Number: 065113-99-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #105 Map location V-26	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Name: Sandalore Substance Number: None CAS Number: 065113-99-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #200 Map location M-11	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Singine Substance Number: None CAS Number: 068917-63-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-21	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Singine Substance Number: None CAS Number: 068917-63-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Map location S-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Borohydride Substance Number: 2063 CAS Number: 016940-66-2 DOT Number: 1426 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #95 Tank Farm Map loc. R-3	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. 201 Tnk Frm Map loc. N-10		
Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Ubiquitous		
Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DP Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #93 Map location Q-1		
Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DP Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #94 Map location R-5		
Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #168 Map location N-6		
Name: Sodium Hydroxide 30% Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Location(s): Bldg. #68 Map location O-7		

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Sandalore Substance Number: None CAS Number: 065113-99-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Hydroxide Flake Substance Number: 1706 CAS Number: 001310-73-2 DOT Number: 1823 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Metabisulfite Substance Number: 1708 CAS Number: 007681-57-4 DOT Number: 2693 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #79 Map location O-5	Container Type: DF Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Metabisulfite Substance Number: 1708 CAS Number: 007681-57-4 DOT Number: 2693 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Methylate Substance Number: 1709 CAS Number: 000124-41-4 DOT Number: 1289 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #91 Map location T-2	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Methylate Substance Number: 1709 CAS Number: 000124-41-4 DOT Number: 1289 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Sodium Methylate Substance Number: 1709 CAS Number: 000124-41-4 DOT Number: 1289 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #168 Map location N-6	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sodium Perborate Substance Number: None CAS Number: 007632-04-4 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: BA Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Stabilizer 9A Substance Number: None CAS Number: 068987-86-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #67 Outside Map loc. R-14	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Stabilizer 9A Substance Number: None CAS Number: 068987-86-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location E-23	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Stabilizer 9A Substance Number: None CAS Number: 068987-86-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #200 Map location N-11	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Styrene Substance Number: 1748 CAS Number: 000100-42-5 DOT Number: 2055 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Styrene Oxide Substance Number: 1749 CAS Number: 000096-09-3 DOT Number: 2055 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Styrene Oxide Substance Number: 1749 CAS Number: 000096-09-3 DOT Number: 2055 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #82 Map location P-6	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sulfuric Acid 62-1/2% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. 201 Tnk Frm Map loc. Q-10	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sulfuric Acid 62-1/2% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Ubiquitous	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sulfuric Acid 62-1/2% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #95 Map location T-3	Container Type: DP Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 375 Storage pressure: 01 Storage temperature: 04
Name: Sulfuric Acid 62-1/2% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #201 Tank Farm Map loc. N-10	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Sulfuric Acid 62-1/2% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #68 Map location O-7	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sulfuric Acid 75% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure () or Mixture (X) Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #93 Tank Farm Map loc. Q-4	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Sulfuric Acid 93% Substance Number: 1761 CAS Number: 007664-93-9 DOT Number: 1831 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): () Fire () Sudden release of pressure (X) Reactive (X) Acute health effects () Chronic health effects () None per MSDS Ubiquitous	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Tar Liquid Substance Number: 2797 CAS Number: None DOT Number: 1997 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Terpineol Substance Number: None CAS Number: 008000-41-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-21	Container Type: DS Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Terpineol Substance Number: None CAS Number: 008000-41-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	Location(s): (X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. #103 Map location E-21	Container Type: BN Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Ubiquitous	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. 201 Tnk Frm Map loc. N-10	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #82 Map location P-6	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #94 Map location R-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #79 Map location N-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #93 Tank Farm Map loc. Q-4	Container Type: TA Max. daily inventory: 15 Avg. daily inventory: 15 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Toluene Substance Number: 1866 CAS Number: 000108-88-3 DOT Number: 1294 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location M-15	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Sulfonic Acid Substance Number: 1870 CAS Number: 025231-46-3 DOT Number: 2584 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #168 Map location N-6	Container Type: CF Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Toluene Sulfonic Acid Substance Number: 1870 CAS Number: 025231-46-3 DOT Number: 2584 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #68 Map location O-7	Container Type: DP Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Triethylamine Substance Number: 1907 CAS Number: 000121-44-8 DOT Number: 1296 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location Q-4	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Turpentine Substance Number: 1962 CAS Number: 008006-64-2 DOT Number: 1299 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location E-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Versene 100 Substance Number: None CAS Number: 000064-02-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #93 Map location Q-4	Container Type: 47 Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Versene 100 Substance Number: None CAS Number: 000064-02-8 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map location R-7	Container Type: 47 Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Vinyl Acetate Substance Number: 1998 CAS Number: 000108-05-4 DOT Number: 1801 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #95 Tank Farm Map loc. R-4	Container Type: TA Max. daily inventory: 14 Avg. daily inventory: 14 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Xylene Substance Number: 2014 CAS Number: 001330-20-7 DOT Number: 1307 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #78 Outside Map loc. R-8	Container Type: DS Max. daily inventory: 13 Avg. daily inventory: 13 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Cumene Substance Number: 0542 CAS Number: 000098-82-8 DOT Number: 1918 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Iso Butyrate Substance Number: 0891 CAS Number: 000097-62-1 DOT Number: 2385 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethyl Lactate Substance Number: 0893 CAS Number: 000097-64-3 DOT Number: 1192 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Isoamyl Ketone Substance Number: 0760 CAS Number: 000108-83-6 DOT Number: 1157 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Mineral Spirits Substance Number: 3131 CAS Number: None DOT Number: 1255 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-22	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Paints, Enamels Substance Number: 2628 CAS Number: None DOT Number: 1263 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Hexachlorophene Substance Number: 0983 CAS Number: 000070-30-4 DOT Number: 2875 Pure () or Mixture (X) Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Map location R-7	Container Type: CF Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 200 Storage pressure: 01 Storage temperature: 04
Name: Trichlorophenol Substance Number: 3011 CAS Number: 025167-82-2 DOT Number: 2020 Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #78 Map location R-7	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 200 Storage pressure: 01 Storage temperature: 04
Name: Painters Naphtha Substance Number: 0206 CAS Number: 008032-32-4 DOT Number: 1115 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04

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Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Acetylene Substance Number: 0015 CAS Number: 000074-86-2 DOT Number: 1001 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming Location(s):	(X) Fire (X) Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 02 Storage temperature: 04
Name: Oxygen Substance Number: 1448 CAS Number: 007782-44-7 DOT Number: 1072 Pure (X) or Mixture () Solid () Liquid () Gas (X) Trade Secret: () Check if claiming Location(s):	(X) Fire (X) Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CY Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Paints, Enamel Substance Number: 3131 CAS Number: None DOT Number: 1263 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #50 Map location P-12	Container Type: CN Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Ethylene Glycol Substance Number: 0878 CAS Number: 000107-21-1 DOT Number: 1142 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #10A Map location T-4	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 365 Storage pressure: 01 Storage temperature: 04
Name: Aldehyde C-14 Substance Number: None CAS Number: 000124-25-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Amyl Cinnamic Aldehyde Substance Number: None CAS Number: 000122-40-7 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 12 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04

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GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Benzyl Alcohol Substance Number: None CAS Number: 000100-51-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Benzoate Substance Number: None CAS Number: 000120-51-4 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 12 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Benzyl Salicylate Substance Number: None CAS Number: 000118-58-1 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Cinnamic Aldehyde Substance Number: None CAS Number: 000104-55-2 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Citronellol Substance Number: None CAS Number: 000106-23-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Coumarin Substance Number: None CAS Number: 000091-64-5 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04

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GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Diethyl Phthalate Substance Number: 0707 CAS Number: 000084-66-2 DOT Number: 1594 Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #79 Map location O-5	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Dimetol Substance Number: None CAS Number: 013254-34-7 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 12 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Eugenol Substance Number: None CAS Number: 000097-53-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Eugenol Substance Number: None CAS Number: 000097-53-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DS Max. daily inventory: 12 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04

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J. AUDAN-ROURE CORPORATION
 123 DELAWANNA AVE., CLIFTON

PART 2 1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Fixolide Substance Number: None CAS Number: 021145-77-7 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: BX Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Fixolide Substance Number: None CAS Number: 021145-77-7 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #9 Map location E-15	Container Type: BX Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Heliotropine Substance Number: None CAS Number: 000120-57-0 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Lemon Oil Terpenes Substance Number: None CAS Number: 068917-33-9 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Litsem Cubeba Oil Substance Number: None CAS Number: 068855-99-2 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Lyrat Substance Number: None CAS Number: 031906-04-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Location(s): Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04

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GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Methyl Ionone Substance Number: None CAS Number: 000074-88-4 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Musk Xylol Substance Number: None CAS Number: 000081-15-2 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Musk Xylol Substance Number: None CAS Number: 000081-15-2 DOT Number: None Pure (X) or Mixture () Solid (X) Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #9 Map location E-15	Container Type: DF Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Orange Oil Substance Number: None CAS Number: 068514-75-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Sandela Substance Number: None CAS Number: 066068-84-6 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 10 Avg. daily inventory: 10 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Sinpine P Substance Number: None CAS Number: 068917-63-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04

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GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE., CLIFTON

PART 2
1995 CHEMICAL INVENTORY REPORT

Reporting Period: January 1 - December 31, 1995

SUBSTANCE DESCRIPTION	HAZARDS (Check all that apply)	INVENTORY INFORMATION
Name: Smpine P Substance Number: None CAS Number: 068917-63-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #95 Map location R-3	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Terpineol Substance Number: None CAS Number: 000098-55-5 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	(X) Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Terpineol Acetate Substance Number: None CAS Number: 008007-35-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects (X) Chronic health effects () None per MSDS Bldg. #103 Map location F-21	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 180 Storage pressure: 01 Storage temperature: 04
Name: Citronellal Substance Number: None CAS Number: 000106-23-0 DOT Number: None Pure (X) or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive (X) Acute health effects () Chronic health effects () None per MSDS Bldg. 105 Map Location V-26	Container Type: DS Max. daily inventory: 11 Avg. daily inventory: 11 Days on site: 60 Storage pressure: 01 Storage temperature: 04
Name: Substance Number: CAS Number: DOT Number: Pure () or Mixture () Solid () Liquid () Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS	Container Type: Max. daily inventory: Avg. daily inventory: Days on site: Storage pressure: Storage temperature:
Name: Substance Number: CAS Number: DOT Number: Pure () or Mixture () Solid () Liquid (X) Gas () Trade Secret: () Check if claiming Location(s):	() Fire () Sudden release of pressure () Reactive () Acute health effects () Chronic health effects () None per MSDS	Container Type: Max. daily inventory: Avg. daily inventory: Days on site: Storage pressure: Storage temperature:

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Attachment 5E
1997 Production Information

CS1014B

Givaudan-Roure "SPECIALTIES" 4.0.2
MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY

1/01/98 9:26:00

FOR FISCAL PERIOD 12 - 97

F - Finished product

C - Crude product which is
further reprocessed to
finished productCURRENT MONTH
CURRENT YEAR-TO-DATE
LAST CALENDAR YEAR
TRANSACTIONS DATED 11/29/97 THRU 12/31/97
TRANSACTIONS DATED 1/01/97 THRU 12/31/97
TRANSACTIONS DATED 12/30/95 THRU 12/31/96

		TY UM	PLANT CURRENT MONTH	PRODUCTION CURRENT YR-TO-DATE	LAST CALENDAR YR	CURRENT PURCHASES	YEAR - TO - DATE SHIPMENTS (NON F&F)	F & F USA	PLANT CONSUMPTION
0090203	BENZALDEHYDE GLYCERYL ACETAL	F KG			1,896		6,842	1,019	
0164001	ANISYL ACETATE FCC	F KG	1,388	6,976			3,984	3,266	
0164004	ANISYL ACETATE CRUDE	C KG		6,959					6,959
0230601	CITRONELLYL ACETATE FCC	F KG				481			
0270503	3,6 DIMETHYL OCTYL ACETATE	F KG						45	
0317001	GERANYL ACETATE FCC	F KG		4,891	8,102		564	1,980	
0317004	GERANYL ACETATE PURE CRUDE	C KG			12,189				
0386203	MENTHYL ACETATE RACEMIC	F KG		1,269	4,320		4,203	1	
0386204	MENTHYL ACETATE RACEMIC CRUDE	C KG		923	4,962				923
0914001	PHENYLACETIC ACID FCC (POWDER)	F KG		1,192			1,486	109	
1089001	ANISYL ALCOHOL FCC	F KG	1,688	5,924	7,122		6,603	763	2,803
1089004	ANISYL ALCOHOL CRUDE	C KG		10,073	1,632				10,073
1132001	ALCOHOL C-8	F KG				10			
1140001	ALCOHOL C-10 FCC	F KG			1,980	629		106	
1174358	CINNAMIC ALCOHOL STYRAX TYPE	F KG			99	29			
1317701	CAMPHOLENIC ALDEHYDE DISTILLED	F KG	116,859	253,583	365,810		62,200		176,535
1380433	SINPINE P	F KG			13,927		176	5,660	
1598108	PHENYLACETALDEHYDE 50%	F KG		138	600		62		1,072
1598503	PHENYLACETALDEHYDE PURE FCC	F KG		5,677	9,391		5,246	709	2,457
1635001	VERATRYL ALDEHYDE (POWDER)	F KG		4,160	2,200		3,525	79	
20672003	ALDEHYDE C-14 PEACH	F KG			489				
20695063	ISORALDEINE SPECIAL	F KG		3,240	12,253		6,960		
2105002	FIR BALSAM ANHYDROL	F KG		1,536	525		504	539	
2340103	AUBEPINE GIV	F KG		404	180		554	19	
2376504	BACCARTOL BRUT CRUDE	C KG		10,507	21,059				10,507
2681001	BENZYL ISOEUGENOL (POWDER)	F KG	750	5,040	3,542	45	5,229		
2681004	BENZYL ISOEUGENOL CRUDE	C KG		6,224	4,612				5,678
2682001	BENZYL ISOAMYL ETHER	F KG					1,917		
2713601	NS 30% T	F KG		14,291	14,730		17,349		3,330
2751603	BISABOLENE GD	F KG					297		
3395052	CASTOREUM ABSOLUTE RESIN	F KG			61				
4075004	CITRONELLOL EXTRA CRUDE	C KG			3,900				
4076003	CITRONELLOL EXTRA FCC	F KG			7,738		658	2,646	
4076201	CITRONELLOL GR EXTRA	F KG		12,879	39,777		56	4,727	
4076204	CITRONELLOL GR EXTRA CRUDE	C KG		13,202	47,789				13,202
4588703	3,6-DIMETHYLOCTAN 3 OL	F KG					718	59	
4609001	DIMETOL	F KG		103,495	53,670		53,856	19,363	
4609004	DIMETOL CRUDE	C KG		93,024	62,111				118,200
4697403	EBANOL	F KG		29,513	47,375		30,736	2,340	16,638
4886203	OENANTHIC ETHER CPD	F KG				5,443	6,587		

BPCS Fragrance- Specialty ODG

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CS1014B

Givaudan-Roure "SPECIALTIES" 4.0.2
MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY AC

1/01/98 9:26:00

FOR FISCAL PERIOD 12 - 97

		TY	UM	PLANT CURRENT MONTH	PRODUCTION CURRENT YR-TO-DATE	LAST CALENDAR YR	CURRENT PURCHASES	YEAR - TO - DATE SHIPMENTS (NON F&F)	F & F USA	PLANT CONSUMPTION
5080902	FIR BALSAM ABSOLUTE RESIN AS	F	KG				37			
5081502	FIR BALSAM ABSOLUTE RESIN	F	KG		1,540	1,851	219	955	419	935
5083053	FLORHYDRAL O.P.	F	KG		10,641	10,528		1,530	900	11,524
5092501	FOLENOX	F	KG			3,697		3,143	360	
5119004	CITRONELLYL FORMATE CRUDE	C	KG			1,141				
5119803	CITRONELLYL FORMATE FCC	F	KG		449	881		10	21	
5134803	GERANYL FORMATE FCC	F	KG					142		
5401001	GERALLOL EXTRA	F	KG			505		10	229	
5401004	GERALLOL EXTRA CRUDE 2	C	KG			922				
5413304	GERANIOL CRUDE DISTILLED	C	KG		30,223	24,649				26,399
5414273	GERANIOL FOR ESTERS	C	KG		4,844	6,043				360-
5414553	GERANIOL FOR HYDROGENATION	C	KG			5,884				
5416503	GERANIOL INTERMEDIATE EX NATL	F	KG			1,434		2	709	
5416803	GERANIOL STANDARD	F	KG		1,630	2,845		1,769	180	83
5425003	GERANIOL PURE FCC	F	KG		7,223	17,978		938	10,286	
5425604	GERANIOL PURE M CRUDE	C	KG		30,943	24,069				18,303
5528104	GIV 82-1445 CRUDE	C	KG		49,315	52,093				49,315
5528204	GIV 82-1495 CRUDE	C	KG		100,183	62,216				117,463
5528304	GIV 82-3206 CRUDE	C	KG			80,739				49-
5543201	GIV-GARD BNS 25% AF	F	KG		189,850	112,150		215,861		
5544003	GIV-GARD DXN PURE	F	KG		36,739	37,400	899	42,987		1,169
5544203	GIV-GARD DXN	F	KG	36,419	420,835	341,746		344,383	646	55,742
5830043	BACCARTOL BRUT NP	F	KG	1,834	9,145	38,878			13,505	
5830163	CITRONELLA TERPENES FOR SALES	F	KG			5,401		340		
5830173	CITRONELLAL FCC (MFD)	F	KG		18,833	22,720		64,314	1,400	5,571
5830183	CITRONELLAL EX CD FM BORATION	C	KG		8,532	9,425				
5830283	EBANOL CRUDE	C	KG			82,217				
5830353	FLORHYDRAL CRUDE	C	KG		7,559	10,025				7,559
5830373	GERALLOL EXTRA CRUDE 1	C	KG			1,081				
5830383	GERANITRILE CRUDE	C	KG			19,237				
5830413	GIV 82-4109	C	KG	3,449	13,760	5,165				7,556
5830423	GIV 82-1445	C	KG	6,523	25,495	29,601				22,211
5830433	GIV 82-1495	C	KG		84,024	52,265				91,236
5830513	LAURINE CRUDE	C	KG		4,387	7,000				4,761
5830533	LILIAL CRUDE N.P. USQ	C	KG	264,909	1,941,154	1,852,116				1,805,364
5830723	PHENYLETHYL ALCOHOL EXTRA USQ	F	KG				185	185		
5830813	ROSE OXIDE CO CRUDE USQ	C	KG	5,533	34,856	34,082				32,233
5830823	ROSE OXIDE RACEMIC CRUDE	C	KG		10,668	14,846				10,668
5831003	ALPHA PINENE EPOXIDE LAEVO	C	KG		616					616
5831023	CAMPHOLENIC ALDEHYDE LAEVO	F	KG		560					

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CS1014B

Givaudan-Roure "SPECIALTIES" 4.0.2
MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY AC

1/01/98 9:26:00

FOR FISCAL PERIOD 12 - 97

		TY UM	PLANT CURRENT MONTH	PRODUCTION CURRENT YR-TO-DATE	LAST CALENDAR YR	CURRENT PURCHASES	YEAR - TO - DATE SHIPMENTS (NON F&F)	F & F USA	PLANT CONSUMPTION
5831083	DIMETOL SPECIAL	F KG		5,120					
5831093	GIV-GARD BNS 25% BA	F KG		21,354			17,346		
6028501	IRISONE ALPHA EXTRA WHITE	F KG			890		1,981	4	10
6030004	IRISONE ALPHA CRUDE	C KG			14,452				
6087103	EBANONE	C KG		3,379					3,074
6150001	CITRONELLYL ISOBUTYRATE	F KG					10	22	
6253303	ISOMENTHONE P	F KG		2,138	3,870		2,827		
6253403	ISOMENTHONE PURE	F KG		3,204	1,241		1,444		1,440
6253404	ISOMENTHONE PURE CRUDE	C KG		4,305	6,039				4,305
6520503	LAURINE PURE FCC	F KG		3,997	6,695		874	3,711	
6580003	LILIAL ³	F KG	110,440	1,256,310	1,299,918		1,078,371	170,309	16,229
6742003	BENZODIHYDROPYRONE	F KG		491	648		450		
6792004	MENTHOL MT CRUDE ISOMERIZED	C KG		788	4,076				788
7200004	MTCP CRUDE	C KG		131,464	415,041				131,464
7458003	NEROL C	F KG			54		19		
7465723	NEROL PRIME	F KG	768	2,962	708		199	2,040	827
7852001	ROSE OXIDE CO	F KG		29,389	28,983		34,191	540	
7852501	LINALOOL OXIDE	F KG	2,435	14,171	10,839		13,759	170	196
7852504	LINALOOL OXIDE CRUDE	C KG		15,405	12,235				13,772
7853003	ROSE OXIDE RACEMIC	F KG		9,044	9,986		3,847		
7964503	P I C	F KG		5,111	7,350			900	5,921
7964504	P I C CRUDE	C KG		6,120	8,141				6,120
8028703	PARSOL MCK	F KG	86,600	922,331	1,047,531		886,600	200	24,022
8093003	DIMETHYLOCTANOL FCC	F KG					340		
8158003	PHELLANDRENE FCC	F KG		3,428	1,391	19	1,609	38	
8191004	BENZYL PHENYL ACETATE CRUDE	C KG		2,096	3,212				2,096
8215001	GERANYL PHENYLACETATE FCC	F KG					2,272	16	
8252204	PHENYLACETALDEHYDE CRUDE	C KG	589	3,386	13,098				2,244
8372001	PIPERITONE	F KG		5,588	3,129		890	9	4,169
8542001	PULEGONE DEXTRO	F KG			149		270		
8581003	GERANIOL PURE MQ BULKING	F KG	2,058	7,739	3,061			3,061	
8598003	RADJANOL	F KG		13,345	26,424		21,055	1,800	
8598004	RADJANOL CRUDE	C KG	6,975	26,116	31,273				19,141
8626203	RALDEINE GAMMA PURE	F KG						181	
8634503	RALDEINE D	F KG					10	603	
8754243	FLORHYDRAL	F KG		3,744			3,388	180	
8760013	FLORHYDRAL 50/50	F KG		1,016				1,016	
8824004	ETHYL SALICYLATE CRUDE	C KG		29,307	34,803				29,306
8847801	SANDALORE	F KG		104,518	154,928		140,033	7,743	11
8847804	SANDALORE CRUDE	C KG	7,560	100,580	193,686				115,294

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CS1014B

Givaudan-Roure "SPECIALTIES" 4.0.2
 MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY AC

1/01/98 9:26:00

FOR FISCAL PERIOD 12 - 97

		TY UM	P L A N T CURRENT MONTH	P R O D U C T I O N CURRENT YR-TO-DATE	LAST CALENDAR YR	P U R C H A S E S	C U R R E N T S H I P M E N T S (NON F&F)	Y E A R - T O - D A T E F & F USA	P L A N T C O N S U M P T I O N
8852801	SANDEX	F KG					22	11	
8852903	MTCP DISTILLED	C KG	24,300	124,268	280,452		11,340		103,320
9236103	P T BUTYLTOLUENE CONTINUOUS	F KG	26,399	1,324,699	2,110,376				1,379
	Crudes		319,838	2,934,688	3,549,597		11,340		2,789,744
	Mfg'd F/G		387,638	4,891,359	5,911,999	6,851	3,109,865	264,662	332,072
	F A C I L I T Y T O T A L S		707,476	7,826,047	9,461,596	6,851	3,121,205	264,662	3,121,817

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CS1014B

Givaudan-Roure "SPECIALTIES" 4.0.2
MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY MA

1/01/98 9:26:00

FOR FISCAL PERIOD 12 - 97

CURRENT MONTH TRANSACTIONS DATED 11/29/97 THRU 12/31/97
CURRENT YEAR-TO-DATE TRANSACTIONS DATED 1/01/97 THRU 12/31/97
LAST CALENDAR YEAR TRANSACTIONS DATED 12/30/95 THRU 12/31/96

		PLANT CURRENT MONTH	PRODUCTION CURRENT YR-TO-DATE	LAST CALENDAR YR	CURRENT PURCHASES	YEAR-TO-DATE SHIPMENTS (NON F&F)	F & F USA	DATE PLANT CONSUMPTION
5544203	GIV-GARD DXN	F	KG			1,349		
	Mfg'd F/G					1,349		
	FACILITY TOTALS					1,349		

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Item Number	Item Description	Trans Quantity
0073003	ACETAL C9	165.0000
	TOTAL	
0098001	ACETAL R	240.0000
	TOTAL	
0160001	ISOAMYL ACETATE FCC EXTRA	39,290.7990
	TOTAL	
0161803	AMYL ACETATE 180 FCC	73,000.7730
	TOTAL	
0162003	AMYLIS ACETATE	7.0000
	TOTAL	
0170121	BENZYL ACETATE EXTRA FCC	2,799.9860
	TOTAL	
0179001	BERGANYL ACETATE	570.0000
	TOTAL	
0204203	CARVYL ACETATE LAEVO	54.0000
	TOTAL	
0228001	CINNAMYL ACETATE	1,800.0000
	TOTAL	
0270001	DIMETH BENZYL CARBINYL ACT FCC	12,970.0000
	TOTAL	
0296501	2-ETHYL HEXYL ACETATE	635,289.0710
	TOTAL	
0310001	GUAIACWOOD ACETATE	500.0000
	TOTAL	
0343001	ISOBUTYL ACETATE FCC	7,883.3920
	TOTAL	
0350003	ISOPULEGOL ACETATE	250.0000
	TOTAL	
0370823	LINALYL ACETATE FROM B D R FCC	1,260.0000
	TOTAL	
0373001	LINALYL ACETATE SYNTHETIC FCC	396,104.9660
	TOTAL	

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Item Number	Item Description	Trans Quantity
0383001	MENTHANYL ACETATE	
	TOTAL	12,279.0020
0420003	ACETATE C-9 FCC	
	TOTAL	90.0000
0435001	ACETATE PA	
	TOTAL	3,050.0000
0458001	PHYTOL ACETATE	
	TOTAL	63.5000
0479003	RHODINYL ACETATE FCC	
	TOTAL	30.0000
0485001	SODIUM ACETATE ANHYDROUS	
	TOTAL	19,844.5570
0501503	TETRAHYDROLINALYL ACETATE	
	TOTAL	060.0000
0521501	VINYL ACETATE	
	TOTAL	835,721.6356
0540001	ACETONE	
	TOTAL	3,232.7320
0581703	ACETYL ISOVALERYL	
	TOTAL	108.0000
0582053	ACETYL PROPIONYL FCC	
	TOTAL	315.0000
0617001	ACETIC ACID GLACIAL NON FCC	
	TOTAL	59,397.6090
0619503	ACETIC ACID GLACIAL BULK	
	TOTAL	501,452.8050
0647001	BENZOIC ACID	
	TOTAL	748.4220
0654001	BORIC ACID	
	TOTAL	1,111.2950
0742001	HYDROCHLORIC ACID	
	TOTAL	1,360.7700

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CIVALDAN ROURE CORPORATION
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Item Number	Item Description	Trans Quantity
0767001	CITRIC ACID ANHYDROUS FCC TOTAL	6,803.8500
0775103	CYANOACETIC ACID 70% IN WATER TOTAL	800.1320
0839401	METHANE SULFONIC ACID TECH TOTAL	13,324.6540
0858333	NITRIC ACID 42 DEGREES (70%) TOTAL	34.0190
0950001	SALICYLIC ACID TECHNICAL B TOTAL	25,854.6290
0972001	SULFURIC ACID 62.5% TOTAL	282,060.4000
0972503	SULFURIC ACID 93% TOTAL	62,032.9470
0973001	SULFURIC ACID REAGENT GRADE TOTAL	27.2150
0980001	TARTARIC ACID TOTAL	199.9980
0986903	P-TOLUENE SULFONIC ACID MONYDT TOTAL	5,999.9680
1028001	ADOXAL TOTAL	3,840.0000
1111503	TERTIARY BUTYL ALCOHOL TOTAL	156.4880
1134001	ALCOHOL C-9 FCC TOTAL	340.0000
1141003	ALCOHOL C-11 INDECYLENIC TOTAL	95.0000
1145001	ALCOHOL C-12 LAURIC TOTAL	2,528.3080
1173001	CINNAMIC ALCOHOL PURE TOTAL	82,999.6230

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Item Number	Item Description	Trans Quantity
1190523	ALCOHOL NO 30	
	TOTAL	676.7560
1190633	ALCOHOL 35A SD	
	TOTAL	23,813.4720
1217001	METHYL ALCOHOL	
	TOTAL	162,240.0630
1245503	PHENYLETHYL ALCOHOL COEUR	
	TOTAL	209.9990
1251001	PHENYLPROPYL ALCOHOL FCC	
	TOTAL	5,189.5660
1326001	ALPHA METHYL CINNAMIC ALDEHYDE	
	TOTAL	1,400.0230
1332003	BENZALDEHYDE TECHNICAL F/HFC	
	TOTAL	26,417.9840
1333001	N BUTYRALDEHYDE	
	TOTAL	22,207.7650
1343103	HEXALDEHYDE FCC	
	TOTAL	1,020.0000
1352703	ALDEHYDE C-8 FCC	
	TOTAL	9,010.0000
1354583	ALDEHYDE C-9 FCC	
	TOTAL	4,250.0000
1360203	ALDEHYDE C-10 FCC	
	TOTAL	19,210.0000
1364513	ALDEHYDE C-11 UNDECYLENIC, FCC	
	TOTAL	18,530.0000
1364501	ALDEHYDE C-12 LAURIC	
	TOTAL	45,900.0000
1366963	ALDEHYDE C-12 LAURIC FCC	
	TOTAL	1,310.0000
1372003	ALDEHYDE C-12 MNA	
	TOTAL	7,310.0000

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Item Number	Item Description	Trans Quantity
1394293	DETYL- PRINE NF	
	TOTAL	3,353.3890
1417403	ALDEHYDE C-11 UNDECYLIC FCC	
	TOTAL	6,630.0000
1520601	CYCLAMEN ALDEHYDE EXTRA FCC	
	TOTAL	90,760.0000
1538003	CYCLAMEN ALDEHYDE TECH PRIMA	
	TOTAL	190.0000
1559003	ISOBUTYRALDEHYDE	
	TOTAL	27,052.1060
1560803	ALDEHYDE ISO C-11	
	TOTAL	645.0000
1566423	CYCLAMEN ALDEHYDE PURE	
	TOTAL	21,280.0000
1597503	PHENYL ACETALDEHYDE 85X PEA	
	TOTAL	12.0000
1600003	PHENYLPROPYL ALDEHYDE	
	TOTAL	2,000.0000
1613001	PROPIONALDEHYDE	
	TOTAL	25,401.0390
1623003	SYRINGA ALDEHYDE	
	TOTAL	150.0000
1635203	VERATRYL ALDEHYDE TECHNICAL	
	TOTAL	4,799.9750
1778001	PINENE, ALPHA (LAEO)	
	TOTAL	2,276.1310
1832003	ANDRETTOLIDE	
	TOTAL	14.9990
1857001	AMMONIA WATER	
	TOTAL	30,560.6250
1906003	ANATOLYL LRG 1247	
	TOTAL	1,400.0000

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Item Number	Item Description	Trans Quantity
1914001	ANETHOLE USP & FCC	TOTAL 1.4980
1980001	ACETIC ANHYDRIDE DRUMMED	TOTAL 220,834.8260
1992001	PHTHALIC ANHYDRIDE	TOTAL 25,493.8520
20672253	BARTYL- F-2	TOTAL 6,700.5320
20701203	SANDELA- 6D	TOTAL 3,059.9850
2297001	METHYL ANTHRANILATE FCC	TOTAL 13,798.7220
2310801	NORMAL PROPYL GALLATE	TOTAL 22.6790
2323103	ARCEOL DIP SUBSTITUTE	TOTAL 360.0000
2349901	AUDEPINE TECHNICAL	TOTAL 546,920.6680
2350003	AUDEPINE FCC	TOTAL 3,396.9330
2366003	AURANTIOL-	TOTAL 399.5000
2390003	ISOPROPYL QUINOLINE	TOTAL 205.0000
2597001	LINALYL BENZOATE FCC	TOTAL 70.0000
2604001	METHYL BENZOATE FCC	TOTAL 1,190.0000
2604203	METHYL BENZOATE TECHNICAL 98%	TOTAL 1,971.7550
2681001	BENZYL ISOEUCENDL (POWDER)	TOTAL 45.3600

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CIVAUDAN ROURE CORPORATION
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Item Number	Item Description	Trans Quantity
2732001	800 BICARB USP PWD GR#1 FR FL TOTAL	70,011.6120
2751503	DIBASOLENE N TOTAL	1,650.0000
2820601	SODIUM BOROHYDRIDE TOTAL	3,264.5580
2859003	BROMINE PURIFIED TOTAL	31,433.7840
2873001	BROMSTYROL TOTAL	550.0000
2979003	TERTIARY BUTYLAMINE TOTAL	680.3850
2995701	BUTYLATED HYDROXY TOLUENE TOTAL	3,764.7970
3005003	BUTYL QUINOLENE SECONDAIRE TOTAL	492.0000
3030001	ANYL BUTYRATE FCC TOTAL	14,940.0000
3033001	BENZYL BUTYRATE FCC TOTAL	200.0000
3039001	CINNANYL BUTYRATE TOTAL	200.0000
3060001	ETHYL BUTYRATE FCC TOTAL	35,639.8380
3117501	BUTYL BUTYRYL LACTATE TOTAL	190.0000
3172003	CADINENE #11120 TOTAL	415.0000
3245001	ALLYL CAPROATE FCC TOTAL	1,020.0000
3240001	ANYL CAPROATE TOTAL	9.9990

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Item Number	Item Description	Trans Quantity
3254001	ETHYL CAPROATE	
	TOTAL	3,740.0000
3274001	ETHYL CAPRYLATE FCC	
	TOTAL	2,340.0000
3306001	CALCIUM CARBONATE USP POWDER	
	TOTAL	158.7560
3328001	POTASSIUM CARBONATE ANHYDROUS	
	TOTAL	8,935.7220
3331603	SODA ASH (BAGS)	
	TOTAL	167,828.3000
3362201	CARVACRYL ME ET SAFL LRG 1202	
	TOTAL	2.0000
3362963	L CARVEOL	
	TOTAL	32.0000
3433023	NICKEL CATALYST 60X IN DSA	
	TOTAL	145.0000
3433703	NICKEL CATALYST, RANEY POWDER	
	TOTAL	5.4430
3474001	5% PALLADIUM ON CARBON POWDER	
	TOTAL	100.0000
3491103	CELERY KETONE	
	TOTAL	2,420.0000
3507501	CETONAL-	
	TOTAL	170.0000
3510003	CETONE ALPHA	
	TOTAL	400.0000
3519003	CETONE V FCC	
	TOTAL	1,575.0000
3622501	HYDROXYL AMMONIUM CHLORIDE	
	TOTAL	149.9980
3690001	BENZYL CHLORIDE	
	TOTAL	3,011.3820

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Item Number	Item Description	Trans Quantity
3718001	CUPROUS CHLORIDE TECHNICAL	
	TOTAL	499.9970
3740903	METHALLYL CHLORIDE	
	TOTAL	42,483.2360
3883001	BENZYL CINNAMATE FCC	
	TOTAL	1,620.0000
3889303	CINNAMYL CINNAMATE RG	
	TOTAL	555.0000
3889403	CINNAMYL CINNAMATE DISTILLED	
	TOTAL	210.0000
3929001	PHENYLPROPYL CINNAMATE	
	TOTAL	800.0000
4068002	CITRONELLA OIL CHINESE	
	TOTAL	18,720.0000
4075001	CITRONELLOL EXTRA SYNTH F/MFC	
	TOTAL	62,056.9050
4082201	CITRONELLYL NITRILE	
	TOTAL	25.0000
4198003	CREOSOL	
	TOTAL	400.0000
4209703	CRYBOLIDE-	
	TOTAL	36,840.0000
4251703	CYCLAL C	
	TOTAL	7,790.0000
4280001	ALLYLCYCLOHEXYL PROPIONATE FCC	
	TOTAL	20,160.0000
4356101	DECATONE	
	TOTAL	200.0000
4357003	TRANSDECENAL	
	TOTAL	860.0000
4363001	ETHYL CAPRATE	
	TOTAL	1,355.0000

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Item Number	Item Description	Trans Quantity
4439001	DIETHANOLAMINE	
	TOTAL	1,306.3380
4485301	DIMETHOANETHOLE FCC	
	TOTAL	1,914.5000
4523001	LINETOL LRG 1188	
	TOTAL	3,675.0000
4538523	DIISOPROPENYL BENZENE	
	TOTAL	18,120.9200
4567003	CITRAL DIMETHYL ACETAL	
	TOTAL	310.8000
4568003	HYDROXYCITRAL DIME ACETAL FCC	
	TOTAL	1,250.0000
4578501	DIMETHYL BENZYL CARBINOL FCC	
	TOTAL	1,280.0000
4663501	DIPROPYLENE GLYCOL TECHNICAL	
	TOTAL	1,935.0140
4669203	1,1-DI(ORTHO-XYLYL)ETHANE	
	TOTAL	1,632.9230
4870001	ISOPROPYL ETHER	
	TOTAL	2,224.8570
4886203	DEMANTHIC ETHER CPD	
	TOTAL	5,443.0800
4930001	ETHYL AMYL KETONE	
	TOTAL	159.9980
4973001	ETHYL LINALOOL	
	TOTAL	34,825.0000
4991002	EUCALYPTUS OIL CITRIDORA BRAZ	
	TOTAL	5,599.9740
4993003	EUCALY OIL DIVER 40-45X PIPER	
	TOTAL	10,375.0000
5002001	EUGENOL PURE FCC	
	TOTAL	600.0000

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Item Number	Item Description	Trans Quantity
5052003	FARNESOL SYNTHETIC	
	TOTAL	625.0000
5080902	FIR BALSAM ABSOLUTE RESIN AB	
	TOTAL	37.5000
5081502	FIR BALSAM ABSOLUTE RESIN	
	TOTAL	219.8500
5081833	FIR BALSAM NEEDLES	
	TOTAL	43,689.7880
5082303	FIXOLIDE-- (25KGS SLB)(PELLETS)	
	TOTAL	8,225.0000
5093003	FOLIONE	
	TOTAL	1,665.0000
5108001	BENZYL FORMATE	
	TOTAL	128.0000
5150501	LINALYL FORMATE	
	TOTAL	460.0000
5166003	OXYOCTALINE FORMATE	
	TOTAL	250.0000
5200003	ALDEHYDE C-16 PURE FCC	
	TOTAL	2,000.0000
5202703	FRESKOHENTHE-	
	TOTAL	2,141.0000
5206903	BERRYFLOR	
	TOTAL	25.0000
5358001	CANHA VALEROLACTONE	
	TOTAL	1,439.9920
5360001	GARDENOL (METHYL BENZYL ACETA)	
	TOTAL	5,999.9690
5417601	GERANIOL INTERMEDIATE 60	
	TOTAL	14,514.8800
5421003	GERANIOL FROM PALMAROSA	
	TOTAL	175.0000

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Item Number	Item Description	Trans Quantity
5435103	CERAMITRILE T	
	TOTAL	100.0000
5468501	GERANYL ACETONE	
	TOTAL	564.5000
5503001	ZINGERONE	
	TOTAL	592.3000
5526603	CLOVE LEAF TERPENES	
	TOTAL	17,355.9180
5542803	GIVESCONE	
	TOTAL	661.5000
5544003	GIV-CARD BDN- PURE	
	TOTAL	899.7950
5604903	GIVSORB- UV-1 PURE	
	TOTAL	15,000.0000
5624001	GLYCEROL 99.5% FCC KOSHER	
	TOTAL	775.6380
5627003	GLYBROM	
	TOTAL	29,333.3610
5667503	HEPTANE	
	TOTAL	5,048.4560
5721103	ACETYL BUTYRYL	
	TOTAL	173.0000
5732451	LEAF ALCOHOL	
	TOTAL	3,230.0000
5790453	MINERAL OIL WHITE	
	TOTAL	11,654.9940
5830063	BENZYL ALCOHOL TECHNICAL USP	
	TOTAL	1,049.9950
5830083	PARA-TERT-BUTYLBENZALDEHYDE	
	TOTAL	1,190,107.4760
5830363	GAMMA TOCOPHEROL	
	TOTAL	20.0000

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Item Number	Item Description	Trans Quantity
5830683	5% PALLADIUM/CARBON 50% WATER TOTAL	2,007.8600
5830723	PHENYLETHYL ALCOHOL EXTRA USP TOTAL	185.9950
5830773	PROPIONALDEHYDE BULK TOTAL	569,201.0060
5830833	SOLAR SALT TOTAL	46,447.6140
5830863	SOLKA FLOC BW 20 TOTAL	181.4350
5830993	BENZYL ACETATE TECHNICAL TOTAL	400.0000
5831063	SURFONIC L12-6 TOTAL	2,794.1140
5831073	POLYGLYCOL P-1200 TOTAL	6,123.4650
5900001	HYDROQUINONE USP TOTAL	99.9990
5902003	HYBRIDOCARBONYLTRIS RHODIUM TOTAL	1.9940
5920003	LAURINE- EXTRA IFF TOTAL	7,480.0000
5978001	INDOLE PURE FCC (POWDER) TOTAL	1,649.9890
5979201	INDOLENE 50X TOTAL	1,822.3000
5991203	IONANTHENE- 100X TOTAL	50.0000
5991323	ZINC IODIDE TECH TOTAL	136.0770
5992503	IONONE BETA FCC TOTAL	51,660.0000

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Itea Number	Itea Description	Trans Quantity
6064008	IRONAL- TOTAL	10.0000
6065003	IRONE ALPHA TOTAL	150.0000
6068003	IRONE ALPHA REFINED TOTAL	99.9990
6120001	ISOBUTYLENE TOTAL	483,871.6590
6170501	LINALYL ISOBUTYRATE FCC TOTAL	550.0000
6183003	PARA-CREBYL ISOBUTYRATE TOTAL	390.0000
6186001	PHENOXYETHYL ISOBUTYRATE FCC TOTAL	7,800.0000
6245001	ISOEUGENOL HIGH TRANS TOTAL	3,800.0000
6249003	ISOGASMONE B-11 TOTAL	535.0000
6264501	ISOPHYTOL TOTAL	510.0000
6280001	ISOPULEGOL PURIFIED TOTAL	1,611.1360
6281303	ISORALDEINE- 70 TOTAL	464,818.5700
6281603	ISORALDEINE- 80 TOTAL	2,660.0000
6281753	ISORALDEINE- PURE TOTAL	19,380.0000
6340001	CIS- JASMONE TOTAL	75.0000
6346803	JASMONYL TOTAL	4,180.0000

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Item Number	Item Description	Trans Quantity
6377401	KAROTIN-	
	TOTAL	225.0000
6378003	KEPHALIS LRG 1182	
	TOTAL	3,540.0000
6378903	SUPER CEL	
	TOTAL	48.0380
6506001	ETHYL LAURATE	
	TOTAL	1,000.0000
6520003	LAURINE- EXTRA FCC	
	TOTAL	225.0000
6560703	LENARDONE- N FCC	
	TOTAL	20,121.0000
6570203	LEMONILE-	
	TOTAL	525.0000
6612001	LINALOOL FROM BOIS DE ROSE FCC	
	TOTAL	2,160.0000
6623501	LINALOOL SYNTHETIC FCC	
	TOTAL	617,352.8150
6638701	ORCINYL TER LRG 1201	
	TOTAL	103.0000
6638861	EVERNYL LRG 1201	
	TOTAL	1,075.0000
6638901	MACHOLONE LRT 14	
	TOTAL	125.0000
6655003	HADROX	
	TOTAL	200.0000
6746001	HELDNAL	
	TOTAL	7,566.5000
685B003	PARA-METHYL ACETOPHENONE FCC	
	TOTAL	800.0000
6878001	DIMETHYL ANTHRANILATE	
	TOTAL	1,675.0000

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1997 RECEIPTS

Item Number	Item Description	Trans. Quantity
6881101	SODIUM METHYLATE (200 LB DRUM)	
	TOTAL	252,776.6290
6892601	METHYL BUTYROL	
	TOTAL	32,132.3120
6892801	ETHYL 2 METHYL BUTYRATE	
	TOTAL	3,940.0000
6915001	METHYL ETHYL KETONE	
	TOTAL	45,153.7870
6923003	PH ETHYL METHYL ETHYL CARBINOL	
	TOTAL	540.0000
6927001	METHYL EUGENOL FCC	
	TOTAL	200.0000
6931003	METHYL HEPTADIENONE	
	TOTAL	155.0000
6937003	METHYL HEPTENONE EXTRA	
	TOTAL	679.0000
6938801	METHYL HEPTENONE TECH	
	TOTAL	8,750.0000
6951001	METHYL HEXYL KETONE	
	TOTAL	.3208
6974503	METHYL ISOBUTYL KETONE	
	TOTAL	1,328.1110
6982503	METHYL NONYL KETONE EXTRA	
	TOTAL	680.0000
6993001	METHYL PAMPELOUSSE LRG 1393	
	TOTAL	510.0000
6996001	PARA CRESYL METHYL ETHER FCC	
	TOTAL	1,020.2250
7275003	MOSKENE- (POWDER)	
	TOTAL	4,650.0000
7310003	MYCOLIDE LRA 220	
	TOTAL	380.0000

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1997 RECEIPTS

Item Number	Item Description	Trans Quantity
7318001	HYRALDENE-	TOTAL 25.0000
7334601	DELTYL- EXTRA NF	TOTAL 10,260.2050
7446003	NECTARYL LRG 1371	TOTAL 250.0000
7450003	NEOFOLIONE	TOTAL 304.6000
7478001	NEROLIDOL SYNTHETIC FCC	TOTAL 2,890.0000
7485001	NEROLIN CRYSTALS (POWDER)	TOTAL 2,400.0000
7488001	NERONE-	TOTAL 3,700.0000
7535203	NITROMETHANE	TOTAL 15,875.6500
7594003	METHYL OCTINE CARBONATE	TOTAL 2,590.0000
7599001	ALLYL HEPTOATE	TOTAL 3,510.0000
7758003	ORANGER CRYSTALS FCC (POWDER)	TOTAL 61,740.0000
7764007	ORANGER LIQUID	TOTAL 1,200.0000
7764803	ORANILE LRG 1250	TOTAL 5.0000
7852493	LINE OXIDE	TOTAL 11,730.0000
7965003	PARA ISOPROPYLPHENOL	TOTAL 2,700.0000
8026003	PARBOL- 1789 (Use 8985043)	TOTAL 800.0000

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CIVAUDAN ROURE CORPORATION
1997 RECEIPTS

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Item Number	Item Description	Trans Quantity
8083001	ALDEHYDE C-14 PURE FCC	
	TOTAL	9,499.0000
8124103	SODIUM PERBORATE TETRAHYDRATE	
	TOTAL	23,499.8910
8158003	PHELLANDRENE FCC	
	TOTAL	19.9990
8191001	BENZYL PHENYLACETATE FCC	
	TOTAL	600.0000
8218001	ISOBUTYL PHENYLACETATE FCC	
	TOTAL	2,800.0000
8225003	LINALYL PHENYLACETATE	
	TOTAL	100.0000
8231001	METHYL PHENYLACETATE FCC	
	TOTAL	6,200.0000
8237003	PARA CRESYL PHENYLACETATE	
	TOTAL	550.0000
8242001	PHENYLETHYL PHENYL ACETATE FCC	
	TOTAL	900.0000
8308001	TRISODIUM PHOSPHATE	
	TOTAL	2,721.5400
8317001	DIETHYL PHTHALATE	
	TOTAL	86.9940
8366103	ALPHA PINENE EPOXIDE DIST	
	TOTAL	259,353.6860
8416301	POTASSIUM HYDROXIDE FLAKE	
	TOTAL	59,511.0080
8417001	POTASSIUM HYDROXIDE LIQUID	
	TOTAL	30,345.1700
8433001	CINNAMYL PROPIONATE FCC	
	TOTAL	75.0000
8442001	ETHYL PROPIONATE FCC	
	TOTAL	14,210.1070

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CIVAUDAN ROURE CORPORATION
1997 RECEIPTS

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Item Number	Item Description	Trans Quantity
8448751	LINALYL PROPIONATE FCC	TOTAL 4,200.0000
8481601	PHENOXY ETHYL PROPIONATE	TOTAL 1,200.0000
8620103	RALDEINE- A	TOTAL 1,530.0000
8674701	RHODINOL 70	TOTAL 4,873.5000
8679003	RHODINOL PURE FCC	TOTAL 525.0000
8686401	RHUMACETAL LRG 1206	TOTAL 75.0000
8752343	ADIPIC ACID	TOTAL 907.1800
8797001	SAFRANAL STABILIZED LRG 1187	TOTAL 6.0000
8824001	ETHYL SALICYLATE	TOTAL 17,280.0000
8828001	ISOBUTYL SALICYLATE FCC	TOTAL 3,400.0000
8850203	SANDELA-	TOTAL 5,890.0000
8902001	SALT	TOTAL 68,582.8080
8933003	SOLV F	TOTAL 113,270.4930
8945203	SODIUM HYDROXIDE LIQUID 50X	TOTAL 1,498,579.6738
8969001	SODIUM HYDROXIDE FLAKE	TOTAL 453.5900
8974203	SPIRANBRENE	TOTAL 3.0000

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CIVAUDAN ROURE CORPORATION
1997 RECEIPTS

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Item Number	Item Description	Trans Quantity
8985043	STABILIZER 89 (Parsol 1789)	
	TOTAL	1,960.0000
9023501	STEMON	
	TOTAL	3,055.0000
9105001	SODIUM SULFITE ANHYDROUS TECH	
	TOTAL	12,836.5940
9177303	TANGERINOL LRG 1135	
	TOTAL	15.0000
9254001	TETRAHYDROCITRAL	
	TOTAL	75.5000
9267001	TETRAHYDROLINALOOL	
	TOTAL	2,530.0000
9301001	SODIUM THIOSULFATE CRYSTAL	
	TOTAL	476.2690
9343523	DL ALPHA TOCOPHEROL NF FCC	
	TOTAL	419.9960
9345001	TOLUENE	
	TOTAL	814,956.0670
9354003	6-METHYL COUMARIN (POWDER)	
	TOTAL	1,840.0000
9390001	TRIETHYLAMINE	
	TOTAL	2,394.9540
9411003	METHYL TUBERATE	
	TOTAL	140.0000
9449603	UNDECATRIENE SUPER	
	TOTAL	273.9000
9449903	UNDECAVERTOL	
	TOTAL	5,440.0000
9545001	PHENYLETHYL ISOVALERATE FCC	
	TOTAL	500.0000
9644601	VERNALDEHYDE-	
	TOTAL	6,300.0000

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CIVAUDAN ROURE CORPORATION
1997 RECEIPTS

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Item Number	Item Description	Trans Quantity
9705003	VETYNAL- EXTRA	
	TOTAL	348.0000
9723003	VIRIBINE FCC	
	TOTAL	399.0000
9780001	XYLENE 3 DEGREES	
	TOTAL	1,444.2290
9810001	YARA YARA PURE (POWDER)	
	TOTAL	1,049.9930

FINAL TOTALS
TOTAL 12,286,559.3422

*** END OF REPORT ***

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Attachment 5F
1998 Production Information

CS1014B

Givaudan Roure "SPECIALTIES" .0.2
MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY

10/31/98 4:32:12

*FOR FISCAL PERIOD 10 - 98

*Year to date figures represent production output to
end of June 1998 at time of shutdown*

CURRENT MONTH	TRANSACTIONS DATED	9/26/98 THRU 10/30/98
CURRENT YEAR-TO-DATE	TRANSACTIONS DATED	1/01/98 THRU 10/30/98
LAST CALENDAR YEAR	TRANSACTIONS DATED	1/01/97 THRU 12/31/97

		TY UM	PLANT CURRENT MONTH	PRODUCTION CURRENT YR-TO-DATE	LAST CALENDAR YR	CURRENT PURCHASES	SHIPMENTS (NON F&F)	YEAR-TO-DATE F & F USA	PLANT CONSUMPTION
0090204	BENZAL GLYCERYL ACETAL CRUDE	C KG		2,238					2,238
0164004	ANISYL ACETATE CRUDE	C KG			6,959				
0230601	CITRONELLYL ACETATE FCC	F KG				119			
0270503	3,6 DIMETHYL OCTYL ACETATE	F KG				262	42		
0386204	MENTHYL ACETATE RACEMIC CRUDE	C KG			923				
0914001	PHENYLACETIC ACID FCC (POWDER)	F KG		354	1,192	350	792	104	
1089004	ANISYL ALCOHOL CRUDE	C KG			10,073				
1174358	CINNAMIC ALCOHOL STYRAX TYPE	F KG				30			
1317701	CAMPHOLENIC ALDEHYDE DISTILLED	F KG		28,135	253,583	14,411			28,223
1598108	PHENYLACETALDEHYDE 50%	F KG			138				
1598503	PHENYLACETALDEHYDE PURE FCC	F KG		1,097	5,677	199	874	497	30
1635001	VERATRYL ALDEHYDE (POWDER)	F KG			4,160		943		
20695063	ISORALDEINE [®] SPECIAL	F KG			3,240		2,197		
2105002	FIR BALSAM ANHYDROL	F KG			1,536		220	450	
2340103	AUBEPINE GIV	F KG			404				
2376504	BACCARTOL BRUT CRUDE	C KG			10,507				
2681004	BENZYL ISOEUGENOL CRUDE	C KG			6,224				2,013
2682001	BENZYL ISOAMYL ETHER	F KG				227		29	
2713601	NS 30% T	F KG		3,050	14,291	2,968			
2751603	BISABOLENE GD	F KG				2			
4006503	CITRODYLE	F KG			5,591	100		820	
4076003	CITRONELLOL EXTRA FCC	F KG		11,373		1,163		3,326	718
4076201	CITRONELLOL GR EXTRA	F KG		1,426	12,879			10,505	
4076204	CITRONELLOL GR EXTRA CRUDE	C KG			13,202				
4588703	3,6-DIMETHYLOCTAN 3 OL	F KG				330		89	
4609004	DIMETOL CRUDE	C KG			93,024				
4886203	OENANTHIC ETHER CPD	F KG				4,350	2,973	180	
5080902	FIR BALSAM ABSOLUTE RESIN AS	F KG					27		
5081502	FIR BALSAM ABSOLUTE RESIN	F KG		3,152	1,540		3,513		49
5083053	FLORHYDRAL [®] O.P.	F KG			10,641				
5119803	CITRONELLYL FORMATE FCC	F KG			449		1,045	10	
5401001	GERALLOL EXTRA	F KG						240	
5413304	GERANIOL CRUDE DISTILLED	C KG		6,202	30,223				12,627
5414273	GERANIOL FOR ESTERS	C KG			4,844				5,089
5414553	GERANIOL FOR HYDROGENATION	C KG							4,623
5416503	GERANIOL INTERMEDIATE EX NATL	F KG					894		
5425604	GERANIOL PURE M CRUDE	C KG		7,640	30,943				20,280
5528104	GIV 82-1445 CRUDE	C KG			49,315				
5528204	GIV 82-1495 CRUDE	C KG			100,183				
5543201	GIV-GARD BNS [®] 25% AF	F KG		65,319	189,850	89,351			204

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ITEM 3 T A T I S T I C S COMPANY 01 FACILITY AC

10/31/98 4:32:12

FOR FISCAL PERIOD 10 - 98

TY	UM	PLANT CURRENT MONTH	PRODUCTION CURRENT YR-TO-DATE	LAST CALENDAR YR	CURRENT PURCHASES	YEAR-TO-DATE SHIPMENTS (NON F&F)	F & F USA	PLANT CONSUMPTION
5544003		GIV-GARD DXN ³ PURE	F KG	14,541	36,739	19,324		63
5544203		GIV-GARD DXN ³	F KG	113,780	420,835	134,132		16,993
5830043		BACCARTOL BRUT NP	F KG		9,145		5,906	332
5830163		CITRONELLA TERPENES FOR SALES	F KG			6,346		
5830173		CITRONELLAL FCC (MFD)	F KG	4,232	18,833	13,083	710	
5830183		CITRONELLOL EX CD FM BORATION	C KG	5,039	8,532			13,571
5830283		EBANOL CRUDE	C KG	14,485				14,485
5830353		FLORHYDRAL CRUDE	C KG	11,870	7,559			11,870
5830413		GIV 82-4109	C KG	371	13,760			11,740
5830423		GIV 82-1445	C KG	3,387	25,495			6,670
5830433		GIV 82-1495	C KG		84,024			540
5830513		LAURINE CRUDE	C KG		4,387			
5830533		LILIAL CRUDE N.P. USQ	C KG	1,162,921	1,941,154			1,298,710
5830723		PHENYLETHYL ALCOHOL EXTRA USQ	F KG			184	185	
5830813		ROSE OXIDE CO CRUDE USQ	C KG	9,015	34,856			10,109
5830823		ROSE OXIDE RACEMIC CRUDE	C KG		10,668			
5831003		ALPHA PINENE EPOXIDE LAEVO	C KG		616			
5831023		CAMPHOLENIC ALDEHYDE LAEVO	F KG		560			
5831083		DIMETOL ³ SPECIAL	F KG		5,120			
5831093		GIV-GARD BNS ³ 25% BA	F KG	9,959	21,354	14,046		
6087103		EBANONE	C KG	12,741	3,379			13,046
6150001		CITRONELLYL ISOBUTYRATE	F KG			556	58	
6253303		ISOMENTHONE P	F KG		2,138	1,170		
6253403		ISOMENTHONE PURE	F KG		3,204	759		
6253404		ISOMENTHONE PURE CRUDE	C KG		4,305			
6520003		LAURINE ³ EXTRA FCC	F KG		415	364		
6520503		LAURINE ³ PURE FCC	F KG	440	3,997	279		
6742003		BENZODIHYDROPYRONE	F KG		491	39		
6792004		MENTHOL MT CRUDE ISOMERIZED	C KG		788			
7200004		MTCP CRUDE	C KG	78,884	131,464			78,884
7458003		NEROL C	F KG			20		
7465723		NEROL PRIME	F KG		2,962	59	531	
7852001		ROSE OXIDE CO	F KG	10,922	29,389	10,020	1,069	
7852504		LINALOOL OXIDE CRUDE	C KG	8,196	15,405			8,196
7853003		ROSE OXIDE RACEMIC	F KG		9,044	2,244	29	
7964503		P I C	F KG		5,111		900	
7964504		P I C CRUDE	C KG		6,120			
8028703		PARSOL ³ MCX	F KG	690,124	922,331	681,520	400	56,282
8093003		DIMETHYLOCTANOL FCC	F KG			860		
8158003		PHELLANDRENE FCC	F KG	1,828	3,428	3,688	49	

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Givaudan Roure "SPECIALTIES" 4.0.2
MANUFACTURED ITEM S T A T I S T I C S COMPANY 01 FACILITY AC

10/31/98 4:32:12

FOR FISCAL PERIOD 10 - 98

TY	UM	PLANT CURRENT MONTH	P R O D U C T I O N		C U R R E N T PURCHASES	Y E A R - T O - D A T E SHIPMENTS (NON F&F)	F & F USA	P L A N T CONSUMPTION
			CURRENT YR-TO-DATE	LAST CALENDAR YR				
8191004		BENZYL PHENYL ACETATE CRUDE	C KG	2,096				
8252204		PHENYLACETALDEHYDE CRUDE	C KG	3,386				1,142
8372001		PIPERITONE	F KG	5,588		685	50	
8581003		GERANIOL PURE MQ BULKING	F KG	7,739			2,160	
8598003		RADJANOL	F KG	8,452	13,345	8,640	2,345	784
8598004		RADJANOL CRUDE	C KG	4,140	26,116			11,115
8626203		RALDEINE ³ GAMMA PURE	F KG			361		
8634503		RALDEINE ³ D	F KG			158		
8760013		FLORHYDRAL ³ 50/50	F KG	1,016				
8824004		ETHYL SALICYLATE CRUDE	C KG	2,737	29,307			2,737
8847804		SANDALORE CRUDE	C KG	74,370	100,580			93,591
8852801		SANDEX	F KG				22	17
8852903		MTCP DISTILLED	C KG	29,700	124,268			75,754
9236103		P T BUTYLTOLUENE CONTINUOUS	F KG		1,324,699			
		Crudes		1,433,936	2,934,688			1,699,031
		Mfg'd F/G		968,185	3,352,659	5,535	1,020,994	30,534
		FACILITY TOTALS		2,402,121	6,287,348	5,535	1,020,994	30,534

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6580003 LILIAL

F KG.

970,696 1,256,310

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
CSG173ACS	DOSSINIA GIVCO 167 PCM-DPG FRE TOTAL	100.0000
0073003	ACETAL CD TOTAL	150.0000
0090203	BENZALDEHYDE GLYCERYL ACETAL TOTAL	674.9460
0098001	ACETAL R TOTAL	75.0000
0160001	ISOAMYL ACETATE FCC EXTRA TOTAL	28,514.8160
0161803	AMYL ACETATE ISO FCC TOTAL	48,430.7090
0164001	ANISYL ACETATE FCC TOTAL	2,400.0000
0178121	BENZYL ACETATE EXTRA FCC TOTAL	3,149.9850
0179001	BERGAMYL ACETATE TOTAL	570.0000
0204203	CARVYL ACETATE LAEVO TOTAL	40.0000
0228001	CINNAMYL ACETATE TOTAL	1,200.0000
0231001	CITRONELLYL ACETATE TOTAL	30.0000
0270001	DIMETH BENZYL CARBINYL ACT FCC TOTAL	5,130.0000
0296501	2-ETHYL HEXYL ACETATE TOTAL	355,768.7760
0297001	ETHYL LINALYL ACETATE TOTAL	100.0000
0310001	GUAIACWOOD ACETATE TOTAL	800.0000

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GIVAUDAN ROURE CORPORATION
1998 RECEIPTS

PAGE 2

Item Number	Item Description	Trans Quantity
0333001	CIS 3 HEXENYL ACETATE	
	TOTAL	100.0000
0343001	ISOBUTYL ACETATE FCC	
	TOTAL	4,658.3680
0350003	ISOPULEGOL ACETATE	
	TOTAL	415.0000
0370823	LINALYL ACETATE FROM B D R FCC	
	TOTAL	795.0000
0373001	LINALYL ACETATE SYNTHETIC FCC	
	TOTAL	116,942.4700
0383001	MENTHANYL ACETATE	
	TOTAL	6,511.3495
0408601	MYRALDYL ACETATE	
	TOTAL	75.0000
0420003	ACETATE C-9 FCC	
	TOTAL	85.0000
0435001	ACETATE PA	
	TOTAL	1,800.0000
0457001	PHENYLPROPYL ACETATE FCC	
	TOTAL	800.0000
0479003	RHODINYL ACETATE FCC	
	TOTAL	10.0000
0485001	SODIUM ACETATE ANHYDROUS	
	TOTAL	8,731.6050
0501503	TETRAHYDROLINALYL ACETATE	
	TOTAL	175.0000
0521501	VINYL ACETATE	
	TOTAL	168,481.4660
0540001	ACETONE	
	TOTAL	1,295.4520
0581703	ACETYL ISOVALERYL	
	TOTAL	78.4000

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
0582053	ACETYL PROPIONYL FCC	
	TOTAL	206.5000
0617001	ACETIC ACID GLACIAL NON FCC	
	TOTAL	46,946.5640
0619503	ACETIC ACID GLACIAL BULK	
	TOTAL	246,299.3660
0647001	BENZOIC ACID	
	TOTAL	45.3590
0767001	CITRIC ACID ANHYDROUS FCC	
	TOTAL	2,267.9500
0972001	SULFURIC ACID 62.5%	
	TOTAL	29,193.0510
0986903	P TOLUENE SULFONIC ACID MOHYDT	
	TOTAL	1,889.9900
1028001	ADOXAL	
	TOTAL	2,040.0000
1089001	ANISYL ALCOHOL FCC	
	TOTAL	1,700.0000
1111503	TERTIARY BUTYL ALCOHOL	
	TOTAL	156.4880
1141003	ALCOHOL C-11 UNDECYLENIC	
	TOTAL	516.0000
1173001	CINNAMIC ALCOHOL PURE	
	TOTAL	48,090.5040
1190633	ALCOHOL 35A SD	
	TOTAL	850.4810
1211001	ISOPROPYL ALCOHOL	
	TOTAL	4,830.7330
1217001	METHYL ALCOHOL	
	TOTAL	47,890.0300
1251001	PHENYLPROPYL ALCOHOL FCC	
	TOTAL	4,400.1140

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
1332003	BENZALDEHYDE TECHNICAL F/MFG	
	TOTAL	10,710.6190
1343103	HEXALDEHYDE FCC	
	TOTAL	510.0000
1352703	ALDEHYDE C-8 FCC	
	TOTAL	6,460.0000
1356583	ALDEHYDE C-9 FCC	
	TOTAL	1,530.0000
1360203	ALDEHYDE C-10 FCC	
	TOTAL	5,610.0000
1364513	ALDEHYDE C-11 UNDECYLENIC, FCC	
	TOTAL	7,310.0000
1366501	ALDEHYDE C-12 LAURIC	
	TOTAL	19,720.0000
1372003	ALDEHYDE C-12 MNA	
	TOTAL	1,020.0000
1380433	SINPINE P	
	TOTAL	169.9990
1394293	DELTYL® PRIME NF	
	TOTAL	884.5000
1413403	ALDEHYDE C-11 UNDECYLIC FCC	
	TOTAL	2,720.0000
1520601	CYCLAMEN ALDEHYDE EXTRA FCC	
	TOTAL	43,240.0000
1560803	ALDEHYDE ISO C-11	
	TOTAL	175.0000
1566423	CYCLAMEN ALDEHYDE PURE	
	TOTAL	8,360.0000
1597503	PHENYL ACETALDEHYDE 85% PEA	
	TOTAL	900.0000
1598503	PHENYLACETALDEHYDE PURE FCC	
	TOTAL	199.9980

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GIVAUDAN ROURE CORPORATION
1998 RECEIPTS

PAGE 6

Item Number	Item Description	Trans Quantity
2681001	BENZYL ISOEUGENOL (POWDER)	
	TOTAL	1,880.0000
2751503	BISABOLENE M	
	TOTAL	1,500.0000
2786903	BOISIRIS	
	TOTAL	1.0000
2828601	SODIUM BOROHYDRIDE	
	TOTAL	524.9430
2859003	BROMINE PURIFIED	
	TOTAL	15,716.8920
2873001	BROMSTYROL	
	TOTAL	105.0000
2979003	TERTIARY BUTYLAMINE	
	TOTAL	272.1540
2995701	BUTYLATED HYDROXY TOLUENE	
	TOTAL	997.8980
3005003	BUTYL QUINOLENE SECONDAIRE	
	TOTAL	115.0000
3030001	AMYL BUTYRATE FCC	
	TOTAL	8,280.0000
3039001	CINNAMYL BUTYRATE	
	TOTAL	150.0000
3060001	ETHYL BUTYRATE FCC	
	TOTAL	14,399.9240
3117501	BUTYL BUTYRYL LACTATE	
	TOTAL	5,700.0000
3172003	CADINENE *11120	
	TOTAL	260.0000
3245001	ALLYL CAPROATE FCC	
	TOTAL	850.0000
3254001	ETHYL CAPROATE	
	TOTAL	850.0000

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
3274001	ETHYL CAPRYLATE FCC	
	TOTAL	1,440.0000
3280001	PARA CRESYL CAPRYLATE	
	TOTAL	390.0000
3328001	POTASSIUM CARBONATE ANHYDROUS	
	TOTAL	3,084.4110
3331603	SODA ASH (BAGS)	
	TOTAL	80,965.8150
3364903	D CARVONE FCC	
	TOTAL	50.0000
3474001	CEDROL PRIME	
	TOTAL	136.0770
3491103	CELERY KETONE	
	TOTAL	1,620.0000
3496423	CENTIFOLYL LRA 303	
	TOTAL	25.0000
3507501	CETONAL®	
	TOTAL	50.0000
3510003	CETONE ALPHA	
	TOTAL	175.0000
3519003	CETONE V FCC	
	TOTAL	825.0000
3885001	BENZYL CINNAMATE FCC	
	TOTAL	1,620.0000
3889303	CINNAMYL CINNAMATE RG	
	TOTAL	195.0000
3889403	CINNAMYL CINNAMATE DISTILLED	
	TOTAL	150.0000
3910003	LINALYL CINNAMATE	
	TOTAL	10.0000
3929001	PHENYLPROPYL CINNAMATE	
	TOTAL	400.0000

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
4198003	CREOSOL	
	TOTAL	300.0000
4209703	CRYSOLIDE®	
	TOTAL	14,780.0000
4251703	CYCLAL C	
	TOTAL	3,040.0000
4280001	ALLYLCYCLOHEXYL PROPIONATE FCC	
	TOTAL	9,720.0000
4353001	GAMMA DECALACTONE	
	TOTAL	800.0000
4356101	DECATONE	
	TOTAL	100.0000
4357003	TRANSDECENAL	
	TOTAL	575.0000
4363001	ETHYL CAPRATE	
	TOTAL	340.0000
4485103	DIHYDRO AMBRATE	
	TOTAL	20.0000
4523001	LIMETOL LRG 1188	
	TOTAL	1,400.0000
4567003	CITRAL DIMETHYL ACETAL	
	TOTAL	150.0000
4568003	HYDROXYCITRAL DIME ACETAL FCC	
	TOTAL	775.0000
4578501	DIMETHYL BENZYL CARBINOL FCC	
	TOTAL	360.0000
4886203	OENANTHIC ETHER CPD	
	TOTAL	2,717.4570
4905001	ETHONE (POWDER)	
	TOTAL	520.0000
4930001	ETHYL AMYL KETONE	
	TOTAL	439.7860

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GIVAUDAN ROURE CORPORATION
1998 RECEIPTS

PAGE 9

Item Number	Item Description	Trans Quantity
4966001	2 ETHYLHEXANOL	
	TOTAL	10,169.4870
4973001	ETHYL LINALOOL	
	TOTAL	20,264.3000
5002001	EUGENOL PURE FCC	
	TOTAL	400.0000
5052003	FARNESOL SYNTHETIC	
	TOTAL	475.0000
5082303	FIXOLIDE® (25KGS SLS) (PELLETS)	
	TOTAL	2,900.0000
5092504	FOLENOX CRUDE	
	TOTAL	1,484.5990
5093003	FOLIONE®	
	TOTAL	1,110.0000
5094001	FOLROSIA®	
	TOTAL	1,520.0000
5108001	BENZYL FORMATE	
	TOTAL	125.0000
5150501	LINALYL FORMATE	
	TOTAL	475.0000
5166003	OXYOCTALINE FORMATE	
	TOTAL	190.0000
5200003	ALDEHYDE C-16 PURE FCC	
	TOTAL	1,900.0000
5202703	FRESKOMENTHE®	
	TOTAL	1,080.0000
5206903	BERRYFLOR	
	TOTAL	10.0000
5358001	GAMMA VALEROLACTONE	
	TOTAL	1,021.6400
5360001	GARDENOL (METHYL BENZYL ACETA)	
	TOTAL	799.9950

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
5421003	GERANIOL FROM PALMAROSA	
	TOTAL	525.0000
5425003	GERANIOL PURE FCC	
	TOTAL	4,680.0000
5435003	GERANITRILE	
	TOTAL	25.0000
5435103	GERANITRILE T	
	TOTAL	230.0000
5468501	GERANYL ACETONE	
	TOTAL	445.0000
5503001	ZINGERONE	
	TOTAL	200.0000
5542803	GIVESCONE	
	TOTAL	160.0000
5604903	GIVSORB® UV-1. PURE	
	TOTAL	1,000.0000
5830083	PARA-TERT-BUTYLBENZALDEHYDE	
	TOTAL	696,679.8420
5830683	5% PALLADIUM/CARBON 50% WATER	
	TOTAL	651.1200
5830723	PHENYLETHYL ALCOHOL EXTRA USQ	
	TOTAL	184.9980
5830773	PROPIONALDEHYDE BULK	
	TOTAL	297,618.5350
5830833	SOLAR SALT	
	TOTAL	8,890.3630
5831063	SURFONIC L12-6	
	TOTAL	997.8970
5831073	POLYGLYCOL P-1200	
	TOTAL	1,428.8080
5831113	SULFURIC ACID 74%	
	TOTAL	31,406.5710

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GIVAUDAN ROURE CORPORATION
1998 RECEIPTS

PAGE 11

Item Number	Item Description	Trans Quantity
5920003	LAURINE@ EXTRA IFF	
	TOTAL	1,530.0000
5978001	INDOLE PURE FCC (POWDER)	
	TOTAL	349.9980
5979201	INDOLENE 50%	
	TOTAL	1,108.8000
5991203	IONANTHEME@ 100%	
	TOTAL	5.0000
5992503	IONONE BETA FCC	
	TOTAL	15,300.0000
6029003	IRISONE ALPHA PRIME GRL	
	TOTAL	190.0000
6064008	IRONAL@	
	TOTAL	5.0000
6065003	IRONE ALPHA	
	TOTAL	80.0000
6068003	IRONE ALPHA REFINED	
	TOTAL	175.0000
6127003	ISOBUTYL QUINOLINE	
	TOTAL	40.0000
6170501	LINALYL ISOBUTYRATE FCC	
	TOTAL	450.0000
6183003	PARA CRESYL ISOBUTYRATE	
	TOTAL	190.0000
6186001	PHENOXYETHYL ISOBUTYRATE FCC	
	TOTAL	5,800.0000
6249003	ISOJASMONE B-11	
	TOTAL	190.0000
6249962	ISOLONGIFOLENE	
	TOTAL	2,880.0000
6253001	ISOMENTHONE DEXTRO	
	TOTAL	710.0000

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
6264501	ISOPHYTOL	
	TOTAL	680.0000
6281303	ISORALDEINE® 70	
	TOTAL	179,527.5740
6281603	ISORALDEINE® 80	
	TOTAL	2,280.0000
6281753	ISORALDEINE® PURE	
	TOTAL	12,540.0000
6340001	CIS JASMONE	
	TOTAL	35.0000
6346803	JASMONYL	
	TOTAL	2,470.0000
6377401	KAROTIN®	
	TOTAL	50.0000
6378003	KEPHALIS LRG 1182	
	TOTAL	1,625.0000
6506001	ETHYL LAURATE	
	TOTAL	360.0000
6520003	LAURINE® EXTRA FCC	
	TOTAL	300.0000
6560703	LEMAROME® N FCC	
	TOTAL	5,075.0000
6570203	LEMONILE®	
	TOTAL	175.0000
6612001	LINALOOL FROM BOIS DE ROSE FCC	
	TOTAL	900.0000
6623501	LINALOOL SYNTHETIC FCC	
	TOTAL	308,999.7760
6638701	ORCINYL TER LRG 1201	
	TOTAL	50.0000
6638861	EVERNYL LRG 1201	
	TOTAL	450.0000

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1998 RECEIPTS

PAGE 13

Item Number	Item Description	Trans Quantity
6638901	MAGNOLIONE LRT 14	
	TOTAL	25.0000
6655003	MADROX	
	TOTAL	5.0000
6746001	MELONAL	
	TOTAL	4,084.0000
6820001	MENTHONE	
	TOTAL	1,260.0000
6858003	PARA-METHYL ACETOPHENONE FCC	
	TOTAL	200.0000
6878001	DIMETHYL ANTHRANILATE	
	TOTAL	1,275.0000
6881101	SODIUM METHYLATE (200 LB DRUM)	
	TOTAL	104,688.5720
6892801	ETHYL 2 METHYL BUTYRATE	
	TOTAL	510.0000
6923003	PH ETHYL METHYL ETHYL CARBINOL	
	TOTAL	180.0000
6927001	METHYL EUGENOL FCC	
	TOTAL	200.0000
6931003	METHYL HEPTADIENONE	
	TOTAL	85.0000
6937003	METHYL HEPTENONE EXTRA	
	TOTAL	1,020.0000
6938801	METHYL HEPTENONE TECH	
	TOTAL	7,000.0000
6982503	METHYL NONYL KETONE EXTRA	
	TOTAL	170.0000
6993001	METHYL PAMPLEMOUSSE LRG 1393	
	TOTAL	275.0000
6996001	PARA CRESYL METHYL ETHER FCC	
	TOTAL	815.9940

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GIVAUDAN ROURE CORPORATION
1998 RECEIPTS

PAGE 14

Item Number	Item Description	Trans Quantity
7260003	MUSK KETONE (LOW XYLOL)	
	TOTAL	150.0000
7275003	MOSKENE® (POWDER)	
	TOTAL	2,700.0000
7296003	MUSK TIBETENE® (POWDER)	
	TOTAL	100.0000
7310003	MYCOLIDE LRA 220	
	TOTAL	190.0000
7334601	DELTYLO® EXTRA NF	
	TOTAL	3,891.8010
7446003	NECTARYL LRG 1371	
	TOTAL	150.0000
7450003	NEOFOLIONE	
	TOTAL	170.0000
7478001	NEROLIDOL SYNTHETIC FCC	
	TOTAL	2,210.0000
7485001	NEROLIN CRYSTALS (POWDER)	
	TOTAL	1,650.0000
7488001	NERONE®	
	TOTAL	1,850.0000
7535203	NITROMETHANE	
	TOTAL	6,577.0550
7594003	METHYL OCTINE CARBONATE	
	TOTAL	1,850.0000
7599001	ALLYL HEPTOATE	
	TOTAL	1,850.0000
7758003	ORANGER CRYSTALS FCC (POWDER)	
	TOTAL	24,400.0000
7764007	ORANGER LIQUID	
	TOTAL	600.0000
7852493	LIME OXIDE	
	TOTAL	2,550.0000

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GIVAUDAN ROURE CORPORATION
1998 RECEIPTS

PAGE 5

Item Number	Item Description	Trans Quantity
1600003	PHENYLPROPYL ALDEHYDE	
	TOTAL	400.0000
1613001	PROPIONALDEHYDE	
	TOTAL	12,065.4940
1623003	SYRINGA ALDEHYDE	
	TOTAL	60.0000
1832003	AMBRETTOLIDE	
	TOTAL	9.4980
1906003	ANATOLYL LRG 1247	
	TOTAL	200.0000
1980001	ACETIC ANHYDRIDE DRUMMED	
	TOTAL	127,005.2000
20672253	BARTYL® F-2	
	TOTAL	2,648.5500
2297001	METHYL ANTHRANILATE FCC	
	TOTAL	2,041.1640
2323103	ARGEOL DIP SUBSTITUTE	
	TOTAL	90.0000
2349901	AUBEPINE TECHNICAL	
	TOTAL	286,505.5840
2350003	AUBEPINE FCC	
	TOTAL	1,587.5680
2365901	AURANTIOL PURE	
	TOTAL	800.0000
2390003	ISOPROPYL QUINOLINE	
	TOTAL	230.0000
2560001	AMYL BENZOATE	
	TOTAL	400.0000
2597001	LINALYL BENZOATE FCC	
	TOTAL	150.0000
2604001	METHYL BENZOATE FCC	
	TOTAL	1,530.0000

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1998 RECEIPTS

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Item Number	Item Description	Trans Quantity
8083001	ALDEHYDE C-14 PURE FCC	
	TOTAL	3,420.0000
8124103	SODIUM PERBORATE TETRAHYDRATE	
	TOTAL	5,249.9760
8191001	BENZYL PHENYLACETATE FCC	
	TOTAL	800.0000
8215001	GERANYL PHENYLACETATE FCC	
	TOTAL	570.0000
8218001	ISOBUTYL PHENYLACETATE FCC	
	TOTAL	1,400.0000
8225003	LINALYL PHENYLACETATE	
	TOTAL	200.0000
8237003	PARA CRESYL PHENYLACETATE	
	TOTAL	350.0000
8242001	PHENYLETHYL PHENYL ACETATE FCC	
	TOTAL	205.0000
8308001	TRISODIUM PHOSPHATE	
	TOTAL	907.1800
8429001	BENZYL PROPIONATE FCC	
	TOTAL	199.9980
8433001	CINNAMYL PROPIONATE FCC	
	TOTAL	25.0000
8442001	ETHYL PROPIONATE FCC	
	TOTAL	5,032.7930
8448751	LINALYL PROPIONATE FCC	
	TOTAL	875.0000
8461601	PHENOXY ETHYL PROPIONATE	
	TOTAL	800.0000
8620103	RALDEINE® A	
	TOTAL	1,360.0000
8674701	RHODINOL 70	
	TOTAL	1,870.0000

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
8679003	RHODINOL PURE FCC	
	TOTAL	700.0000
8797001	SAFRANAL STABILIZED LRG 1187	
	TOTAL	6.0000
8824001	ETHYL SALICYLATE	
	TOTAL	11,960.0000
8828001	ISOBUTYL SALICYLATE FCC	
	TOTAL	2,800.0000
8850203	SANDELA®	
	TOTAL	10,070.0000
8902001	SALT	
	TOTAL	26,126.7840
8933003	SOLV F	
	TOTAL	45,032.4140
8965203	SODIUM HYDROXIDE LIQUID 50%	
	TOTAL	386,649.1770
8974203	SPIRAMBRENE	
	TOTAL	1.0000
9023501	STEMONE®	
	TOTAL	2,160.0000
9177303	TANGERINOL LRG 1135	
	TOTAL	2.5000
9254001	TETRAHYDROCITRAL	
	TOTAL	80.0000
9267001	TETRAHYDROLINALOOL	
	TOTAL	1,530.0000
9301801	SODIUM THIOSULFATE CRYSTAL	
	TOTAL	181.4360
9343523	DL ALPHA TOCOPHEROL NF FCC	
	TOTAL	99.9980
9354003	6-METHYL COUMARIN (POWDER)	
	TOTAL	1,025.0000

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1998 RECEIPTS

Item Number	Item Description	Trans Quantity
9411003	METHYL TUBERATE	
	TOTAL	60.0000
9449603	UNDECATRIENE SUPER	
	TOTAL	74.7000
9449903	UNDECAVERTOL	
	TOTAL	1,870.0000
9545001	PHENYLETHYL ISOVALERATE FCC	
	TOTAL	200.0000
9644003	VERDANTIOL	
	TOTAL	11,160.0000
9644601	VERNALDEHYDE®	
	TOTAL	4,500.0000
9705003	VETYNAL® EXTRA	
	TOTAL	300.0000
9706003	VETYVENAL	
	TOTAL	120.0000
97500106	CITRIC ACID TINCTURE 10%	
	TOTAL	544.3080
9810001	YARA YARA PURE (POWDER)	
	TOTAL	599.9970
	FINAL TOTALS	
	TOTAL	4,256,800.9895

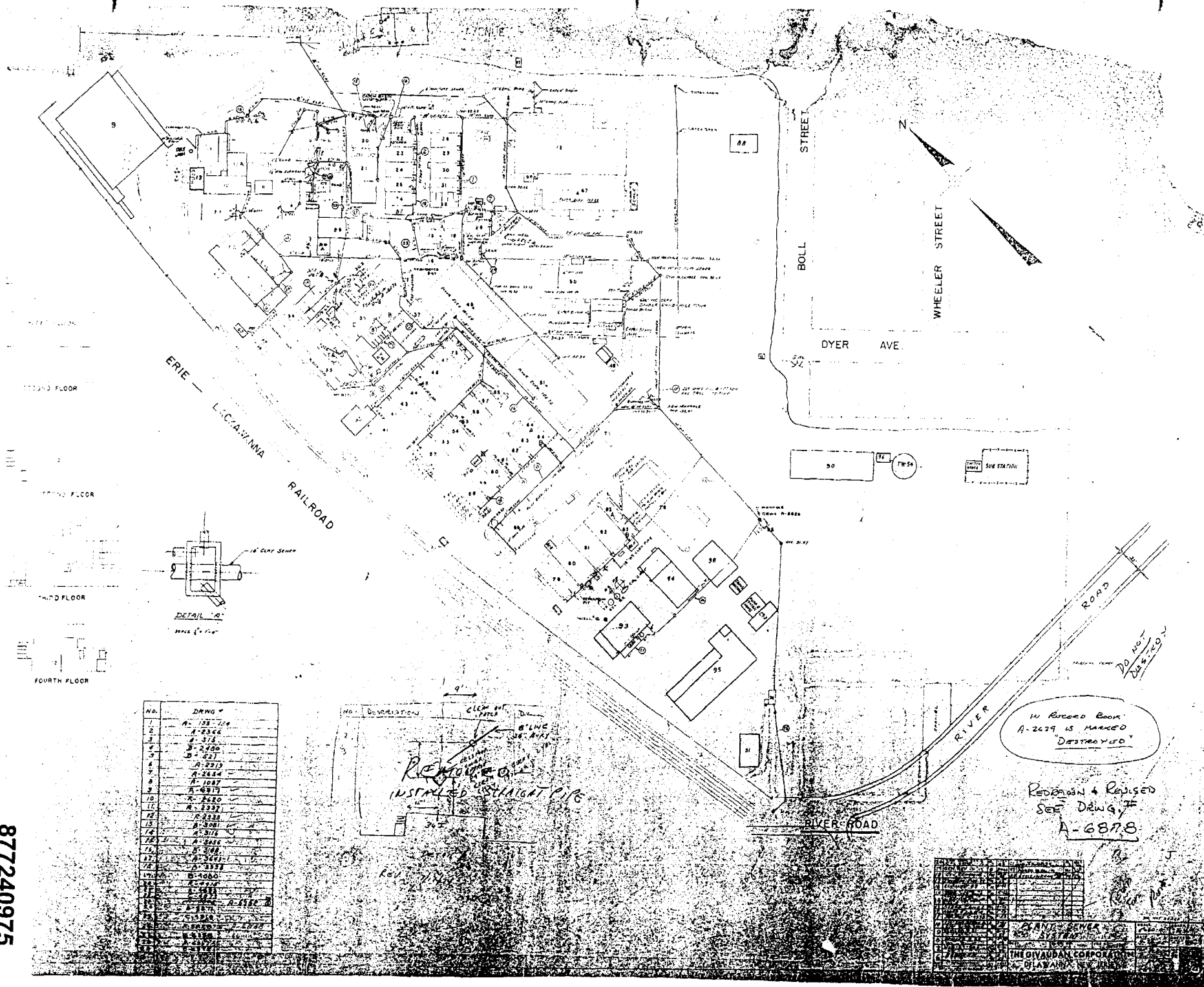
* * * E N D O F R E P O R T * * *

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Attachment 6
Sewer Map circa March 1946

877240975



Attachment 7
NFA letter for USTs

877240977



State of New Jersey

Christine Todd Whitman
Governor

Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. P627 046 546

JUL 31 1997

Mr. Gene Thomas
Director, Environmental Affairs
Givaudan-Roure Corporation
125 Delawanna Avenue
Clifton, New Jersey 07015-5034

Re: Givaudan-Roure Corporation ("Givaudan")
125 Delawanna Avenue, Clifton, Passaic County
Block 73-3, Lot 2
No Further Action Decision - Underground Storage Tanks, UST# 0010595

Dear Mr. Thomas:

This letter documents the New Jersey Department of Environmental Protection's ("NJDEP" or "Department") review of the Closure Report for Underground Storage Tank ("UST") T-58S which is believed to have been the last remaining UST at the site. This correspondence also contains the Department's "No Further Action" ("NFA") decision relating to all of the USTs previously removed or properly abandoned in place from May 1991 to November 1996. A list of all the applicable USTs, to which the NFA decision applies, is attached to this correspondence.

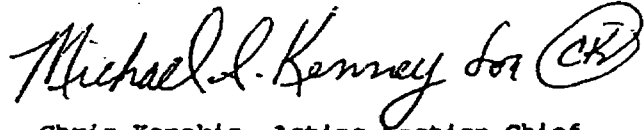
The Department has completed the review of the February 1997 Underground Storage Tank Closure Report which summarizes the activities associated with the removal of Tank T-58S, a 2,500 gallon UST believed to have stored toluene. The Closure Report was prepared by Environmental Resources Management, Inc. ("ERM") on behalf of Givaudan and was received by the Department on March 4, 1997. Based on the review of the Closure Report, it has been determined that the above-referenced UST was closed in accordance with all applicable Underground Storage Tank regulations and the Department's Technical Requirements for Site Remediation, N.J.A.C. 7:26E. Therefore, the Closure Report is approved.

Based on our review of all of the pertinent NJDEP correspondence, including tank closure approvals and closure reports, we find that Givaudan-Roure has complied with the Department's existing requirements and regulations regarding closure of underground storage tank systems. Therefore, no further action will be required for the USTs listed in the attachment. Those tanks that are registered with the Department, but that Givaudan was unable to locate, will be delisted along with the tanks that were properly removed or abandoned-in-place. However, if at any time these tanks are located, Givaudan must follow the Department's requirements for closure of USTs. Be advised that this NFA determination applies to the listed tank systems at the above-referenced location only. Furthermore, this approval makes no representation regarding the environmental conditions of any other areas of the referenced property.

877240978

If you have any questions, please do not hesitate to contact Maria Franco-Spera at (609) 633-0715.

Sincerely,

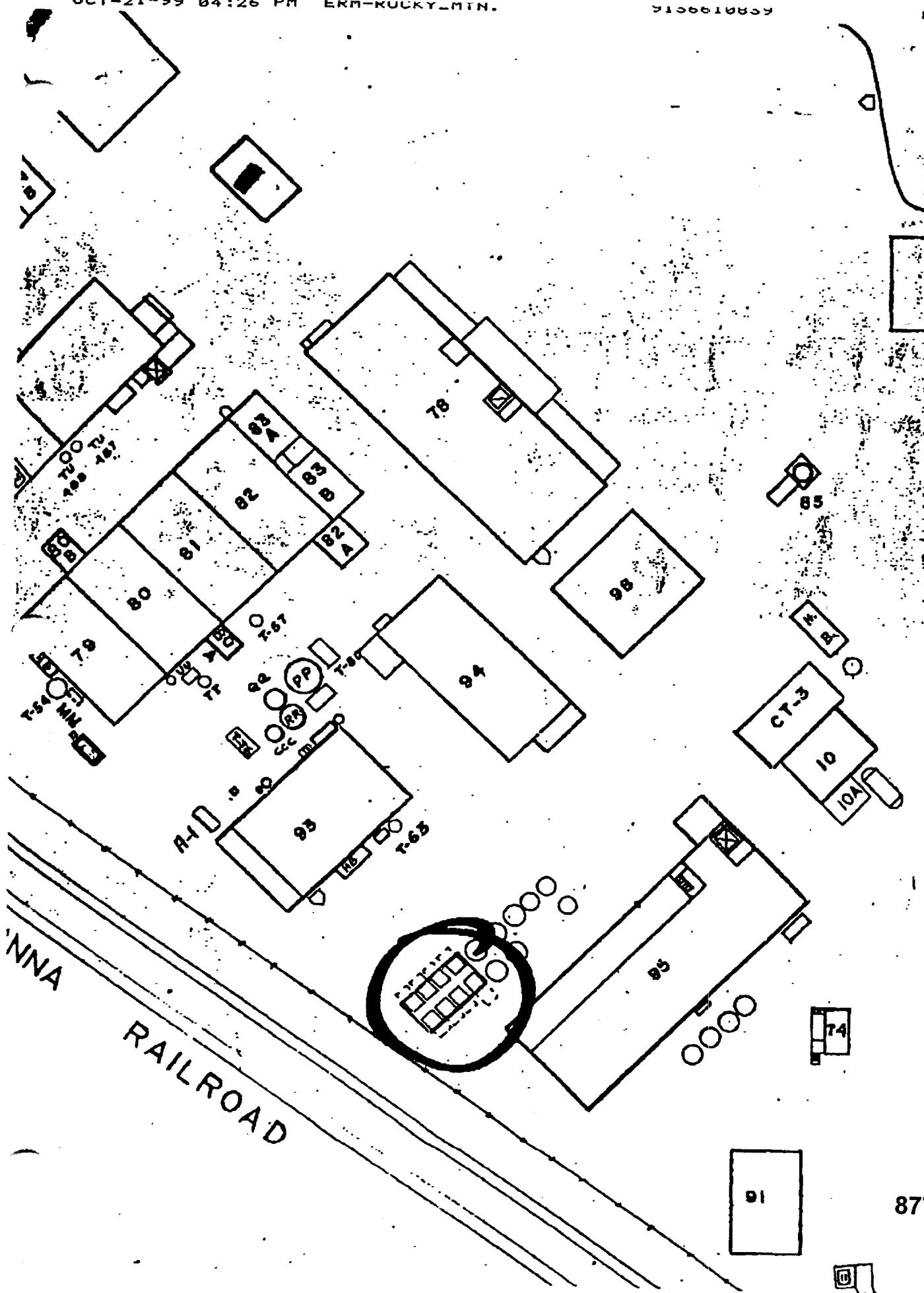
A handwritten signature in cursive script that reads "Michael L. Kenney for" followed by a circled monogram "CK".

Chris Kanakis, Acting Section Chief
Bureau of State Case Management

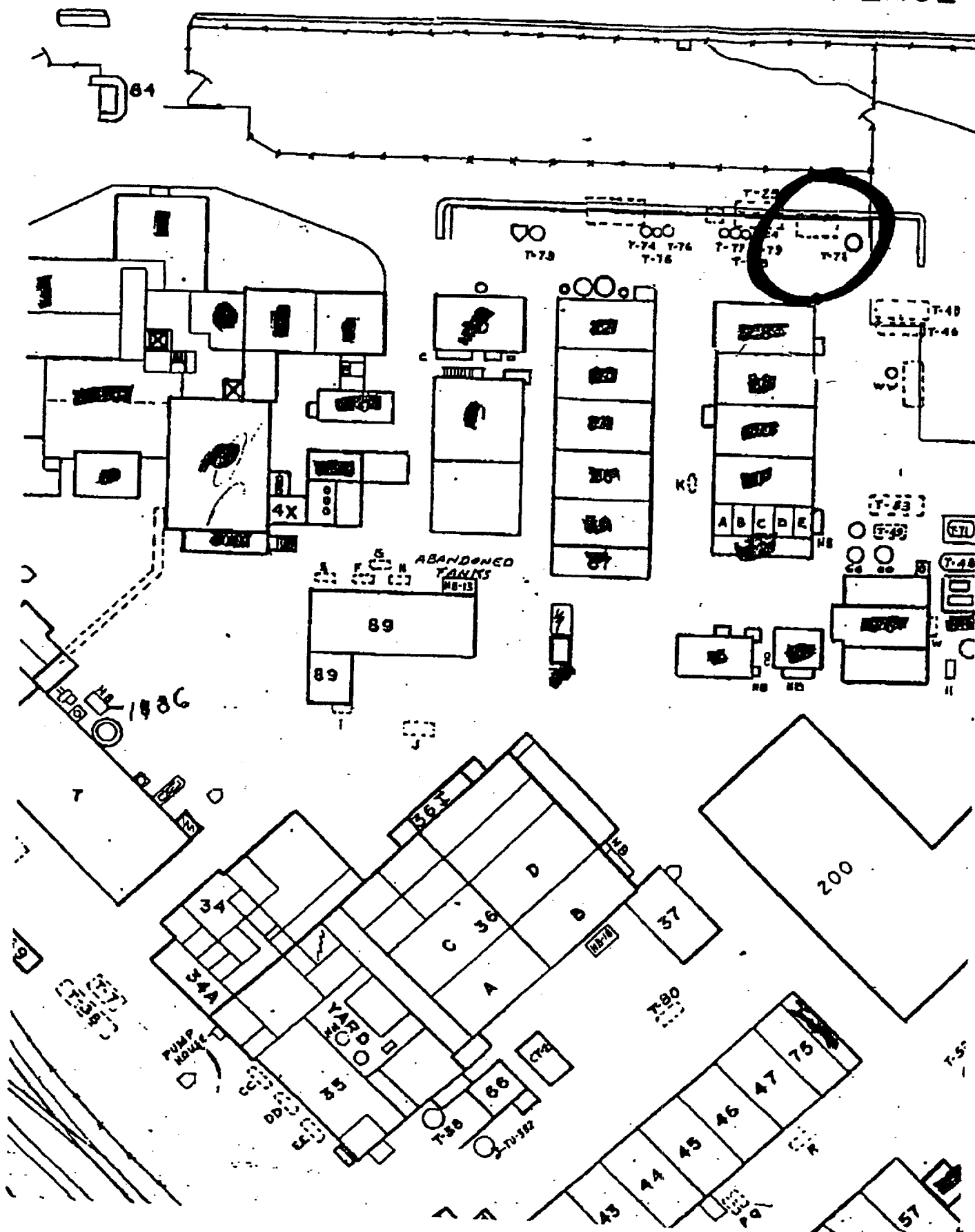
Attachment

c: Nancy Crispi, Billing and Registration Section

877240979



877240980



GIVAUDAN-ROURE (UST REGISTRATION #10595)

NJDEP REG #	G-R TANK #	CLOSURE PLAN APPROVAL DATE	DATE CLOSED	COMMENTS
5	T-5	ABOVE GROUND		NOT APPLICABLE
7	T-7	JULY 18, 1994	94/07/30	
8	T-8	JULY 18, 1994	94/07/30	
9	T-9	JULY 18, 1994	94/07/30	
12	T-12	JULY 18, 1994	94/07/30	
14	T-14	JULY 18, 1994	94/07/30	
25	T-25	JULY 18, 1994	94/07/30	
27	T-27	JULY 18, 1994	94/07/30	
28	T-28	JULY 18, 1994	94/07/30	
34	T-53	JULY 18, 1994	94/07/30	
45	T-64	JULY 18, 1994	94/07/30	COULD NOT LOCATE (EXPLORATORY EXCAVATION PERFORMED)
45	T-65	JULY 18, 1994	94/07/30	
E	E	NJDEP APPROVAL LETTER (SEPT. 16, 1994)		
E1	T-29	JULY 18, 1994	94/07/30	
E2	T-62	JULY 18, 1994	94/07/30	
E3	T-80	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/21	
E4	T-83	JULY 18, 1994	94/07/30	
E5	T-38	JULY 18, 1994	94/07/30	
E6	T-35	MAY 16, 1994	94/07/30	
E7	T-26	JULY 18, 1994	94/07/30	
E8	AA	JUNE 1991	91/11/07	
E9	BB	JUNE 1991	91/11/04	
E10	VV	JUNE 1991	91/11/07	
E11	EEEE	JUNE 1991	91/11/10	
E12	E12	1994 (C94-1120)	94/06/24	
E13	T-05	JULY 18, 1994	94/07/30	
E14	T-84	JULY 18, 1994	94/07/30	
E15	T-13	JULY 18, 1994	94/07/30	
E16	T-46	MAY 1991	91/05	
E17	T-45	MAY 1991	91/05	
E18	R	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/21	
E19	CC	MAY 16, 1994	94/07/30	
E20	DD	MAY 16, 1994	94/07/30	
E21	GGGG	MAY 16, 1994	94/07/30	
E22	T-10	JULY 18, 1994	94/07/30	
E23	T-24	JULY 18, 1994	94/07/30	
E24	T-56	JULY 18, 1994	94/07/30	
E25	T-11	JULY 18, 1994	94/07/30	
E26	T-23	JULY 18, 1994	94/07/30	

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GIVAUDAN-ROURE (UST REGISTRATION #10595)

NJDEP REG #	G-R TANK #	CLOSURE PLAN APPROVAL DATE	DATE CLOSED	COMMENTS
E27	T-55	JULY 18, 1994	94/07/30	IN-PLACE (94/07/30)
EE	EE	MAY 16, 1994	94/07/30	
F	F	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/24	
FFFF	FFFF	JULY 18, 1994	94/07/30	
G	G	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/24	
H	H	NJDEP APPROVAL LETTER (SEPT. 16, 1994)		COULD NOT LOCATE (EXPLORATORY EXCAVATION PERFORMED)
I	I	JULY 18, 1994		COULD NOT LOCATE (EXPLORATORY EXCAVATION PERFORMED)
J	J	JULY 18, 1994		COULD NOT LOCATE (EXPLORATORY EXCAVATION PERFORMED)
JJ	JJ	MAY 16, 1994	94/07/30	
K	K	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/23	
KK	KK	MAY 16, 1994	94/07/30	
O	O	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/21	
P	P	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/21	
Q	Q	NJDEP APPROVAL LETTER (SEPT. 16, 1994)	93/09/21	
S	S	MAY 16, 1994	94/07/30	
T-58S7	T-58S	PENDING	96/11/25	
T1	T-1	JULY 18, 1994		IN-PLACE
T2	T-2	JULY 18, 1994		IN-PLACE
T3	T-3	JULY 18, 1994		IN-PLACE
T4	T-4	JULY 18, 1994		IN-PLACE
U	U	MAY 16, 1994	94/07/30	
W	W	NJDEP APPROVAL LETTER (JUNE 18, 1993)	93/07/02	

GIVAUDAN ROURE

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Attachment 8
Summary of Hazardous Waste
Manifests (1998-2000)

Date Generated	Waste Description	Waste i.d.	Quantity	unit	Disposal	
					Company	Location
11/25/1998	Fragrance Oil (Combustable Liquid n.o.s.)	ID 72	3200	P	CWMRR	W. Carrollton, OH
11/25/1998	Non regulated Chemicals	ID 72	22800	P	CWMRR	W. Carrollton, OH
11/25/1998	Fragrance Oil (Combustable Liquid n.o.s.)	ID 72	3750	P	CWMRR	W. Carrollton, OH
11/25/1998	Non regulated Chemicals	ID 72	9700	P	CWMRR	W. Carrollton, OH
12/2/1998	Non regulated Chemicals	ID 72	400	P	AETS	Flanders, NJ
12/2/1998	Non regulated Chemicals	X 910	2225	P	AETS	Flanders, NJ
5/15/2000	RQ Waste Diesel Fuel	D 001	1593	G	MI	Middlesex, NJ
12/21/1999	RQ Waste (Flammable Liquids n.o.s. contains mineral spirits and Isopropanol)	D 001	262	P	CCI	Lewisberry, PA
12/21/1999	RQ Waste (Flammable Liquids n.o.s. contains Ethyl alcohol and Methyl alcohol)	D 001	120	P	CCI	Lewisberry, PA
12/21/1999	non-hazardous solids, DOT/RCRA non regulated	none	60	P	CCI	Lewisberry, PA
11/5/1999	non-hazardous solids, DOT/RCRA non-regulated (soil samples)	N/A	1037	P	CCI	Lewisberry, PA
11/5/1999	non-hazardous liquid, DOT/RCRA non-regulated (water)	N/A	5	P	CCI	Lewisberry, PA
11/5/1999	non-hazardous waste liquid non- DOT/non-RCRA regulated (iodine, midazole)	N/A	12	P	CCI	Lewisberry, PA
11/9/1999	RCRA empty drums non-DOT/RCRA regulated	N/A	11420	P	MDWTP	Belleville, MI
12/21/1999	Waste Oil, DOT/RCRA non regulated	029L	10	G	MDWTP	Belleville, MI
12/21/1999	Waste Trash &PPE, DOT/RCRA non regulated	N/A	200	P	MDWTP	Belleville, MI
12/21/1999	Drill Cuttings, DOT/RCRA non-regulated	029L	1430	G	MDWTP	Belleville, MI
12/21/1999	Empty Drums, DOT/RCRA non- regulated	N/A	420	P	MDWTP	Belleville, MI
3/31/1999	RQ Hazardous Waste Liquid (water, sulfides)	D 003	660	G	EEI	Cincinnati, OH
1/20/1999	non-RCRA /non-DOT material solid (titanium proxide)	N/A	2000	P	RRC	Brooklyn, NY
1/20/1999	non-RCRA /non-DOT material Liquid (Latex, paint, ammonium chloride)	N/A	1800	P	RRC	Brooklyn, NY

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Date Generated	Waste Description	Waste i.d.	Quantity	unit	Disposal	
					Company	Location
	non-RCRA / non-DOT material solid					
1/20/1999	(wax and cleaners)	N/A	2100	P	RRC	Brooklyn, NY
1/29/1999	non-RCRA/ non-DOT Liquids (fragrance oils)	N/A	3600	P	RRC	Brooklyn, NY
1/29/1999	non-RCRA/ non-DOT solids (oranger, crystals, silica and lumina powder)	N/A	3600	P	RRC	Brooklyn, NY
1/29/1999	non-RCRA/ non- DOT latex paints	N/A	2000	P	RRC	Brooklyn, NY
1/29/1999	non RCRA/ non DOT Waxes	N/A	400	P	RRC	Brooklyn, NY
2/12/1999	non RCRA/ non DOT material	N/A	1400	P	RRC	Brooklyn, NY
2/12/1999	non RCRA/ non DOT solids (Indole)	N/A	400	P	RRC	Brooklyn, NY
2/12/1999	non RCRA/ non DOT material	N/A	9875	P	RRC	Brooklyn, NY
3/26/1999	Batteries wet filled with acid	D 002	400	P	RRC	Brooklyn, NY
3/26/1999	RQ, hazardous wastesolid n.o.s. (toluene, xylene, mibk)	F003	800	P	RRC	Brooklyn, NY
2/10/1999	Waste compressed gases n.o.s. (ammonia anhydrous, carbon dioxide)	N/A	900	P	RRC	Brooklyn, NY
2/10/1999	Waste compressed gases toxic, corrosive inhalation hazard zone B (hydrogen chloride)	D002	100	P	RRC	Brooklyn, NY
2/10/1999	waste compressed gases toxic n.o.s. corrosive inhalation hazard zone B (hydrogen sulfide carbon monoxide)	N/A	100	P	RRC	Brooklyn, NY
2/10/1999	1RQ Waste mercury	D 009	300	P	RRC	Brooklyn, NY
2/10/1999	waste aerosols	D 001	100	P	RRC	Brooklyn, NY
2/10/1999	waste asbestos	N/A	100	P	RRC	Brooklyn, NY
2/10/1999	waste formaldehyde, solutions	N/A	100	P	RRC	Brooklyn, NY
2/10/1999	waste corrosive liquid basic inorganic (sodium hydroxide, potassium hydroxide)	D 002	400	P	RRC	Brooklyn, NY
2/10/1999	waste compressed gasesflammable n.o.s. Acetylene, dimethylether)	D 001	1200	P	RRC	Brooklyn, NY
2/10/1999	RQ waste corrosive (liquids, acidic, inorganic sulfuric acid hydrochloric acid)	D 002	325	P	RRC	Brooklyn, NY
2/10/1999	RQ waste toxic liquids(organic n.o.s. methylene chloride, carbon tetrachloride)	D 019	200	P	RRC	Brooklyn, NY

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Date Generated	Waste Description	Waste i.d.	Quantity	unit	Disposal Company	Location
2/10/1999	RQ waste toxic solids n.o.s. (organic mercury, aacetate, silver carbonate)	D 009	225	P	RRC	Brooklyn, NY
2/10/1999	RQ waste oxidizing lliquid n.o.s. (sodium chromate, lead nitrate)	D011	200	P	RRC	Brooklyn, NY
2/10/1999	RQ waste oxidizing solid n.o.s. (sodium nitrate, chromium nitrate)	D 001	1050	P	RRC	Brooklyn, NY
2/10/1999	RQ waste oxidizing lliquid corrosive n.o.s. (nitric acid hydrogen peroxide)	D 001	400	P	RRC	Brooklyn, NY
2/10/1999	RQ waste organic peroxide type C liquid (stabilized benzyl peroxide)	D 003	25	P	RRC	Brooklyn, NY
2/10/1999	RQ Waste water reactive solid, n.o.s. (sodium borohydride, sodium methylate)	D003	125	P	RRC	Brooklyn, NY
2/10/1999	RQ waste compressed gases, flamable n.o.s (propylene, isobutylene)	D001	200	P	RRC	Brooklyn, NY
2/10/1999	waste compressed gases, n.o.s. (carbon dioxide, dichlorodifluoro methane)	N/A	9000	P	RRC	Brooklyn, NY
2/12/1999	RQ waste flamable liquids (isopropanol and methanol)	D 001	600	P	RRC	Brooklyn, NY
2/12/1999	RQ waste flamable liquids, corrosive, n.o.s. (propanoic acid ethyl/ether)	D 001	1625	P	RRC	Brooklyn, NY
2/12/1999	RQ waste flamable solid, inorganic, n.o.s. (dinitro-pentamethyl indane)	D 001	1000	P	RRC	Brooklyn, NY
2/12/1999	RQ corrosive liquids, basic, inorganic, n.o.s. (sodium hydroxide and potassium hydro)	D 002	250	P	RRC	Brooklyn, NY
2/12/1999	RQ waste corrosive solid n.o.s (2-methoxy benoric acid)	N/A	300	P	RRC	Brooklyn, NY
2/12/1999	RQ waste toxic liquid, organic n.o.s. (methylene chloride)	F 002	250	P	RRC	Brooklyn, NY
2/12/1999	RQ waste toxic solids, orgnaic, n.o.s. (para crisol)	D 025	375	P	RRC	Brooklyn, NY
2/12/1999	waste hydroquinone	N/A	1200	P	RRC	Brooklyn, NY
2/12/1999	RQ waste hypochlorite solutions	D 002	900	P	RRC	Brooklyn, NY
2/12/1999	hazardouswaste solid, n.o.s (glass contaminated with toluove xylone)	D 035	600	P	RRC	Brooklyn, NY
2/12/1999	waste tetrachloroethylene	D 039	600	P	RRC	Brooklyn, NY
2/12/1999	waste flammable liquids, n.o.s (benzen, isoproyl alcohol)	D 001	500	P	RRC	Brooklyn, NY
2/12/1999	waste mercury	D 009	600	- P	RRC	Brooklyn, NY

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Date Generated	Waste Description	Waste i.d.	Quantity	unit	Disposal	
					Company	Location
	waste corrosive liquids, acidic, inorganic n.o.s					
2/12/1999	(sulfuric and phosphoric acid)	D 002	125	P	RRC	Brooklyn, NY
2/12/1999	waste asbestos	N/A	125	P	RRC	Brooklyn, NY
	RQ waste flammable liquid n.o.s					
1/25/1999	(mineral spirits and methanol)	D 001	13000	P	RRC	Brooklyn, NY
1/25/1999	waste flammable liquids, n.o.s (acetone and xylene)	D 001	3150	P	RRC	Brooklyn, NY
1/26/1999	RQ waste flammable liquids (isopropanol and n-pinene)	D 001	2400	P	RRC	Brooklyn, NY
1/26/1999	RQ waste aerosol, flammable (paints, lacquers)	D 001	1000	P	RRC	Brooklyn, NY
1/26/1999	RQ waste flammable liquids, corrosive, n.o.s (triethyl amine)	D 001	1200	P	RRC	Brooklyn, NY
1/26/1999	RQ waste corrosive liquids (inorganic sulfuric acid)	D 002	3600	P	RRC	Brooklyn, NY
	RQ waste corrosive liquids n.o.s.					
1/26/1999	(hydrochloric acid, sulfuric acid)	D 002	200	P	RRC	Brooklyn, NY
	RQ waste corrosive liquids, basic, inorganic					
1/26/1999	(sodium hydroxide, potassium hydroxide)	D 002	2500	P	RRC	Brooklyn, NY
1/26/1999	waste toxic liquid, organic n.o.s. (dimethylhexane)	N/A	800	P	RRC	Brooklyn, NY
1/26/1999	waste toxic liquid, organic n.o.s. (achlorodimethylurea)	N/A	200	P	RRC	Brooklyn, NY
1/26/1999	waste toxic solids, organic (phenylenediamine)	N/A	1600	P	RRC	Brooklyn, NY
1/26/1999	waste environmentally hazardous substances	D 035	200	P	RRC	Brooklyn, NY
3/18/1999	RQ Hazardous Waste Liquid (water, sulfides)	D 003	660	G	EEI	Cincinnati, OH
	RQ hazardous waste solid, n.o.s. (hose with					
1/20/1999	trace methyl ketone)	D 035	2200	P	RRC	Brooklyn, NY
1/28/1999	Waste Flammable Liquids, n.o.s (fragrance oils)	D 001	30	P	CWMRR	W. Carrollton, OH
1/28/1999	Combustible Liquids, n.o.s. (fragrance oils)	ID 72	380	P	CWMRR	W. Carrollton, OH
1/28/1999	Combustible Liquids, n.o.s. (fragrance oils)	D 001	30	P	CWMRR	W. Carrollton, OH
1/28/1999	chemicals, n.o.s. DOT non-regulated, none	ID 72	930	P	CWMRR	W. Carrollton, OH
4/30/1999	Corrosive solid, acidic inorganic, n.o.s.	X 910	30	P	AETS	Flanders, NJ
4/30/1999	Combustible Liquids, n.o.s. (fragrance oils)	ID 72	13710	P	AETS	Flanders, NJ
4/30/1999	Waste combustible liquid (fragrance oils) n.o.s.	D 001	150	P	AETS	Flanders, NJ
4/30/1999	chemicals, n.o.s. DOT non-regulated, none	ID 72	30950	P	AETS	Flanders, NJ
4/30/1999	chemicals, n.o.s. DOT non-regulated, none	X 190	2955	P	AETS	Flanders, NJ
5/19/1999	Waste flammable liquids, n.o.s.	D 001	10	P	AETS	Flanders, NJ
5/19/1999	waste amyl acetates	D 001	400	P	AETS	Flanders, NJ
5/19/1999	Combustible Liquids, n.o.s. (fragrance oils)	ID 72	560	P	AETS	Flanders, NJ

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Date Generated	Waste Description	Waste i.d.	Quantity	unit	Disposal	
					Company	Location
5/19/1999	combustible Liquids, n.o.s.	X 190	20	P	AETS	Flanders, NJ
5/19/1999	chemicals, n.o.s. DOT non-regulated, none	ID 72	1470	P	AETS	Flanders, NJ
5/19/1999	chemicals, n.o.s. DOT non-regulated, none waste compressed gases, flammable, n.o.s.	X 190	100	P	AETS	Flanders, NJ
10/13/1999	(Isobutane, isopropane) RQ Waste flammable liquids, n.o.s. (petroleum	D 001	5	P	OES	Flanders, NJ
10/13/1999	hydrocarbons, alcohol) Waste corrosive liquid, basic, organic, n.o.s	D 001	1600	P	OES	Flanders, NJ
10/13/1999	(sodium hydroxide)	D 002	400	P	OES	Flanders, NJ
10/13/1999	waste corrosive liquid, acidic, inorganic, n.o.s	D 002	20	P	OES	Flanders, NJ
10/13/1999	waste corrosive liquid, basic, organic, n.o.s.	D 002	200	P	OES	Flanders, NJ
10/13/1999	hazardous waste, liquid, n.o.s.	F 002	120	P	OES	Flanders, NJ
10/13/1999	RQ polychlorinated Biphenyls	X 190	182	K	OES	Flanders, NJ
10/13/1999	oil, n.o.s DOT non- regulated, none	ID 72	800	P	OES	Flanders, NJ
10/13/1999	chemicals, n.o.s. DOT non-regulated, none	ID 72	800	P	OES	Flanders, NJ
10/13/1999	chemicals, n.o.s. DOT non-regulated, none	X 190	60	P	OES	Flanders, NJ
10/28/1999	RQ waste mercury contained in manufactured articles	D 009	5	G	OES	Flanders, NJ
10/28/1999	waste flammable solids, organic, n.o.s. (turpentine)	D 001	110	G	OES	Flanders, NJ
10/27/1999	RQ Waste flammable liquids, n.o.s. (fragrance oils)	D 001	5	DM	TWII	Sauget, IL
10/27/1999	RQ Waste flammable liquids, n.o.s (fragrance oils)	D001	2	DM	MI	Middlesex, NJ
10/27/1999	chemicals, n.o.s. DOT non-regulated, none	N/A	2	DM	TWII	Sauget, IL
11/11/1999	RQ waste flammable fragrance oils, n.o.s	D 001	5	DM	MI	Middlesex, NJ
11/11/1999	RQ waste flammable fragrance oils, n.o.s	D 002	5	DM	TWII	Sauget, IL
11/11/1999	chemicals, n.o.s. DOT non-regulated, none	N/A	1	DM	TWII	Sauget, IL
	chemicals, n.o.s. DOT non-regulated, none	N/A	1	DF	ENSCO	El Dorado, AR
7/8/1999	Waste Flammable Liquids, n.o.s.	N/A	1	DF	TWII	Sauget, IL
7/8/1999	Waste Amyl Acetates	N/A	1	DM	CWMRR	W. Carrollton, OH
7/8/1999	Combustible liquid, n.o.s. (fragrance oils)	N/A	6	DM	CWMRR	W. Carrollton, OH
7/8/1999	Combustible liquid, n.o.s.	N/A	1	DF	TWII	Sauget, IL
7/8/1999	chemicals, n.o.s. DOT non-regulated, none	N/A	21	DM	CWMRR	W. Carrollton, OH

Disposal Companies:

* (RRC) Radiac Research Corp.

P- pounds

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Date	Waste Description	Waste i.d.	Quantity	unit	Disposal
Generated					Company Location
	* (EEI) Environmental Enterprises Inc.			G- gallons	
	* (CWMRR) Chemical Waste Management Resource Recovery, Inc.			K- kilograms	
	* (AETS) Advanced Environmental Technical Services			DM- drums (used when volumetric units were not available)	
	* (MI) Marisol, Inc.			DF- fiberglass drum (used when volumetric units were not available)	
	* (CCI) Cycle Chem, Inc.				
	* (MDWTP) Michigan Disposal Waste treatment Plant				
	* (OES) Onyx Environmental Technical Services				
	* (TWII) Trade Waste Incineration, Inc.				

Attachment 9
Hexachlorophene Disposal
Activities (1978-1983)

HEXACHLOROPHENE PROCESS: OFF-SITE DISPOSAL ACTIVITIES

<u>Description of Waste</u>	<u>Date</u>	<u>N.J. Mani- fest</u>	<u># Drums</u>	<u>Waste Disposal Company</u>	<u>Hauler</u>	<u>Disposal Location</u>	<u>Disposal Method</u>
Hexachlorophene Filter Cake	2/4/83	65423	26	Cecos Int'l	Environmental Trans Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	6/10/82	65422	8	Cecos Int'l	Environmental, Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	6/4/82	65421	16	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	11/25/81	15841	12	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	10/13/81	15839	27	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	10/6/81	15838	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	7/6/81	10456	32	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	4/20/81	10455	12	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	2/10/81	10453	12	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	2/2/81	10452	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	9/11/80	89139	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	9/8/80	89137	8	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	6/30/80	89134	36	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill

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Attachment (H)

ATTACHMENT NO. 2

Waste Sent Off Site For Disposal 1975 - 1983

<u>Waste Material</u>	<u>Quantity</u>	<u>Waste Disposal Co.</u>	<u>Hauler</u>	<u>Method</u>	<u>Location</u>
1. Brominated Musk Alpha Residue	41 Drums	S&W Inc.	S&W	Landfill	Ohio & N.Y. & Alabama & Pinewood S.C.
2. Waste Solid PCB	1 Drum	Cecos Int'l	Environmental Transport	Landfill	Ohio
3. Still Bottoms Residue #1 (Butyl Benzaldehyde Residue - mixed residue for dump-Oranger Crystal residue - Corps N-112, Residue - Delagene Residue)	1748 dms.	Cecos Int'l	1. Environmental Trans. 2. Cooper Jarret 3. Devcon Group 4. Lorber Trucking	Landfill	Ohio - N.Y.
4. Still Bottoms Residue #3 (Lilial Residue)	670 dms.	Cecos Int'l	1. Environmental Trans. 2. Cooper Jarret 3. Devcon Group 4. Lorber Trucking	Landfill	Ohio - N.Y.
5. Still Bottoms Residue #4 (Dehydrolilial Residue)	586 dms.	Cecos Int'l	1. Environmental Trans.	Landfill	N.Y.
6. Gamma Dibromo Ambrol	48 drums	Cecos Int'l	1. Environmental Trans.	Landfill	N.Y.
7. Musk Ambrette Residue Powder	146 drum	Cecos Int'l Newco Chemical Waste	1. Environmental Transport 2. Conrail	Landfill	N.Y. - Ohio
8. Flammable liquids \downarrow 100°F	225 drum 700 drum	Marisol Inc Solite	Marisol Inc. All County Environmental	Incineration Incineration	N.J. N.Y.
9. Ethylene Dichloride	158 drum	Marisol Inc.	Marisol	Incineration/ Product Recovery	N.J.
10. Dimethyl Butane	111 drum	Marisol Inc.	Marisol	Incineration	N.J.
11. Methyl Alcohol Waste	312 drum	All County Environ.	All County	Incineration	N.J.
12. Isopropyl Alcohol Waste	200 drum	All County Environ.	All County	Incineration	N.J.
13. Asbestos	178 drum	Cecos Int'l	Environmental Transport	Landfill	N.Y. - Ohio
14. Combustible Liquids \uparrow 140°F	954 drum	S&W	S&W	Landfill *	Ohio & N.Y. & Alabama & Pinewood, S.C. *

* Mix with Cement dust & made solid before burial

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Hexachlorophene Process: Off-Site Disposal Activities

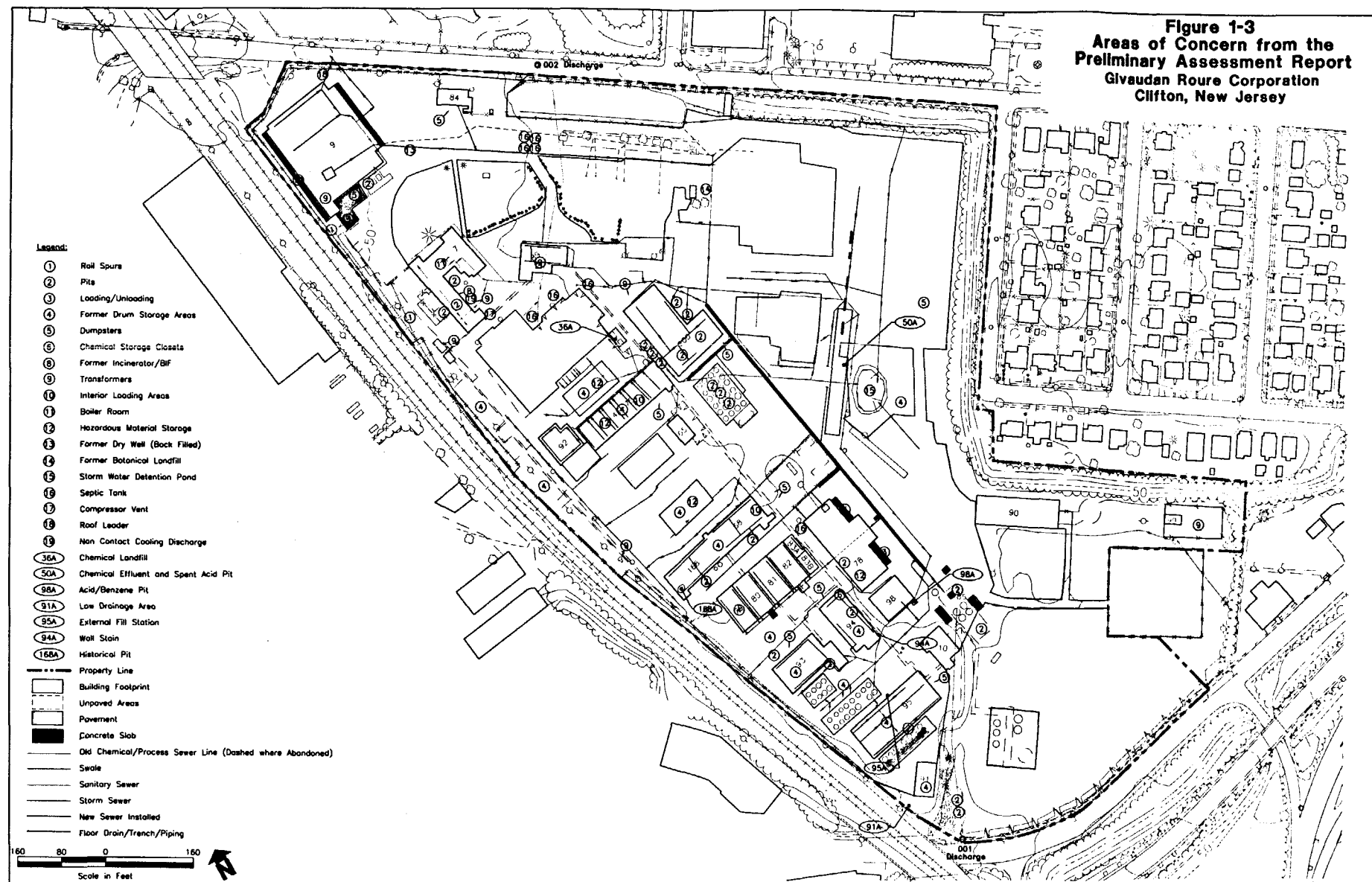
-2-

<u>Description of Waste</u>	<u>Date</u>	<u>N.J. Mani- fest</u>	<u># Drums</u>	<u>Waste Disposal Company</u>	<u>Hauler</u>	<u>Disposal Location</u>	<u>Disposal Method</u>
Hexachlorophene Filter Cake	4/23/80	89127	8	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	3/18/80	89122	56	Cecos Int'l	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Ammonium Salts of Hexachloro- phene	2/27/80	-----	2	Interex Corp.	St. Johnsbury	Natick, Mass	Chemical Disposal
Hexachlorophene Filter Cake	7/13/79	89118	20	Cecos Int'l	Cooper Jarrett	Williamsburg, Ohio	Landfill
Hexachlorophene Filter Cake	4/27/79	89115	24	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	3/6/79	89113	51	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	1/16/79	89112	24	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	12/8/78	89111	22	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	9/19/78	89109	44	Newco Chemical Waste	Environmental Transport Group	Niagara Falls, N.Y.	Landfill
Hexachlorophene Filter Cake	1966-1978		--	Donadia Waste Hauler			
Hexachlorophene Filter Cake	1965-1966		--	Collucci Waste Hauler			
Waste Trichlorophenol	2/4/83	65423	6	Cecos Int'l		Niagara Falls, N.Y.	Landfill

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Attachment 10
Figure 1-3 from the RAWPS

Figure 1-3
Areas of Concern from the
Preliminary Assessment Report
Givaudan Roure Corporation
Clifton, New Jersey



ERM

22323 00 01/01.06 99-SCH/03.23.00-CMP/1215-1P

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Attachment 11
Wastewater Sampling Results
(1980-1981)

EFFLUENT DATA - PART B
GIVAUDAN CORPORATION
CLIFTON PLANT
RESULTS OF LABORATORY ANALYSIS (1)
HEAVY METALS AND PRIORITY POLLUTANTS USED

<u>PARAMETER</u>	<u>Location No. 1</u> (River Road Meter) (MG/L)	<u>Location No. 2</u>	<u>Location No. 3</u> (Peekay Drive) (MG/L)
Total Cyanide	0.02	No need for analysis	0.03
Arsenic	0.159	because of nature of	LT0.001
Chromium	LT0.013	effluent.	LT0.013
Copper	2.011		0.084
Lead	LT0.045		LT0.045
Manganese	569.62		0.248
Mercury	LT0.0007		LT0.0007
Nickel	0.647		LT0.020
Zinc	1.761		0.224
Acrolein	LT0.010		LT0.010
Benzene	LT0.010		0.036
Toluene	LT0.010		0.382
Ethylene Dichloride	LT0.010		LT0.010
Methylene Chloride	LT0.010		LT0.010
PCB's	LT0.010		LT0.010
Chlorophenol	LT0.025		LT0.025
Trichlorophenol	0.026		LT0.025
Napthalene	LT0.010		LT0.010
Nitrobenzene	0.017		LT0.010
Formaldehyde	LT0.010		LT0.010

(1) Flow Compositing Samples Obtained As a Weekly Composite for the Week of January 18-25, 1981
 LT- Less Than

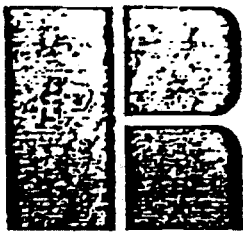
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SOURCE: APPLICATION FOR PERMIT TO DISCHARGE TO
DOMESTIC TREATMENT WORKS (CIRCA 1981)

1, 3, 7, 8 Tetrachlorodibenzo-p-dioxin (T.C.D.D.)

T.C.D.D. is a potential contaminant in one of our raw materials, 2, 4, 5 trichlorophenol, which is used to manufacture hexachlorophene. Our specification calls for less than 10 parts per billion of this contaminant in the trichlorophenol.

Waste water from the manufacture of hexachlorophene have been tested and no detectable quantities of T.C.D.D. found. An intensive investigation of the waste water from the manufacture of hexachlorophene was conducted by the E.P.A. in May of 1978. A report of the findings of this investigation are on file with the E.P.A. in Washington D.C.



JOHN G. REUTTER ASSOCIATES

January 22, 1980

Givaudan Corporation
100 Delawanna Ave.
Dalawanna, NJ 07014

Attention: Mr. George Talarico

Reference: Test Report No. 4617

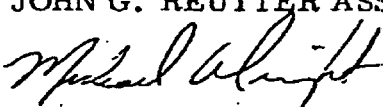
This report covers the chemical analysis of a 24 hour composite effluent sample taken by John G. Reutter Associates (JGRA) during the period January 10 to January 11, 1980. The sample location is as follows:

Manhole by street, back gate, 11:00 a.m.
January 10 to 10:00 a.m. January 11, 1980.

Sampling was conducted for 24 consecutive hours using a Manning Model S4040 Automatic sampler. The composite was analyzed adhering to procedures as described in Standard Methods for the Examination of Water and Wastewater, 14th edition. The sample designation, parameters analyzed and results are enclosed. If you have any questions, please don't hesitate to contact me.

Respectfully submitted,

JOHN G. REUTTER ASSOCIATES


Michael Wright
Chemist

MW/JC
Attachment

Givaudan Corporation
 Test Report No. 4617
 January 22, 1980
 Page 2

<u>Parameter</u>	<u>Results</u> <u>24 Hour Composite 1/10/80 to 1/11/80</u>
BOD, 5 day	620
Boron	0.24
Total Organic Carbon	390
COD	1400
Chloride	170
Color, Apparent Color Units	500
Ammonia as N	1.0
Nitrate as N	10
Nitrite as N	36
Total Kjeldahl Nitrogen	6.4
Oil and Grease	45
pH, units	6.97
Ortho Phosphate	<0.05
Total Solids	7500
Total Suspended Solids	3800
Volatile Suspended Solids	140
Total Volatile Solids	1200
Mineral Suspended Solids	3700
Total Mineral Solids	6300
Turbidity, NTU	10000
Antimony	<0.05
Arsenic	<0.05
Cadmium	<0.01
Chromium	<0.05
Copper	0.21
Iron	9.2
Lead	0.08
Mercury	<0.002
Nickel	0.52
Selenium	<0.01
Silver	<0.01
Tin	<0.05
Zinc	1.2
Sulfate	1400
Sulfide	<0.1
Sulfite	3.2
MBAS/LAS (Surfactants)	0.50

All results in milligrams/liter except as noted.

877241005

RESULTS OF LABORATORY ANALYSIS
(Week of Jan. 18-25, 1981)

<u>LOCATION</u>	<u>DATE</u>						
	<u>1-18/19</u> (Mon)	<u>1-19/20</u> (Tues.)	<u>1-20/21</u> (Wednes)	<u>1-21/22</u> (Thurs.)	<u>1-22/23</u> (Fri.)	<u>1-23/24</u> (Sat.)	<u>1-24/25</u> (Sun)
<u>No. 1 River Road</u>							
pH	7.66	5.66	5.86	5.85	5.88	6.05	5.88
COD (mg/l)	94	1380	2200	1200	1500	1200	2100
BOD (mg/l)	22	405	565	395	720	335	195
TSS (mg/l)	10	5651	4771	4508	3861	6400	6947
<u>No. 2 Delawanna Avenue</u>							
pH	8.88	7.08	4.58	6.92	9.72	8.32	6.82
COD (mg/l)	216	138	338	103	140	108	50
BOD (mg/l)	40	42	155	200	84	84	41
TSS (mg/l)	21	2	10	2	88	43	32
<u>No. 4 Peekay Drive</u>							
pH	7.08	6.56	6.99	6.00	8.34	6.54	6.43
COD (mg/l)	210	260	750	240	216	155	LT20
BOD (mg/l)	11	155	490	240	208	148	14
TSS (mg/l)	96	376	30	75	131	84	30

877241006

TABLE B
GIVAUDAN CORPORATION
CLIFTON PLANT
RESULTS OF LABORATORY ANALYSIS
(Week of Jan. 25-31, 1981)

<u>LOCATION</u>	<u>DATE</u>						
	<u>1-25/26</u> (Mon)	<u>1-26/27</u> (Tues.)	<u>1-27/28</u> (Wednes.)	<u>1-28/29</u> (Thurs.)	<u>1-29/30</u> (Fri.)	<u>1-30/31</u> (Sat.)	<u>1/31-2/1</u> (Sun)
<u>No. 1 - River Road</u>							
pH	6.30	5.74	5.77	5.77	5.75	6.20	5.86
COD (mg/l)	2000	3260	1110	2800	1500	1700	-
BOD (mg/l)	1200	1400	850	1200	340	1475	320
TSS (mg/l)	1303	5285	5436	5430	5877	18132*	11202*
<u>No. 2 - Delawanna Avenue</u>							
pH	6.55	11.80	5.70	6.53	6.02	6.95	7.41
COD (mg/l)	60	859	300	1100	430	150	-
BOD (mg/l)	23	470	200	650	170	140	40
TSS (mg/l)	412	79	138	214	65	57	43.
<u>No. 4 - Peekay Drive</u>							
pH	4.80	7.27	8.99	6.69	6.99	7.16	7.33
COD (mg/l)	860	276	470	456	150	180	-
BOD (mg/l)	660	172	370	400	100	160	-
TSS (mg/l)	4	67	214	134	74	45	65 18

* High concentrations caused by solids buildup around sampling probe

877241007

TABLE C
Results of Laboratory Analysis
of
Composited Samples Obtained During a 24-Hour
Period on January 26-27, 1981

<u>Parameter</u>	<u>Location</u>		
	<u>No. 2</u> <u>Delawanna Ave.</u>	<u>No. 3</u> <u>Building 103</u>	<u>No. 4</u> <u>Building 105</u>
Color (Pt/Co Units)	10	20	10
Turbidity	25	260	15
pH @ 20 Deg. C.	11.80	7.12	7.27
Total Solids	906	513	236
Total Volatile Solids	627	226	119
Total Mineral Solids	279	287	117
Total Suspended Solids	79	138	67
Latent Suspended Solids	22	88	28
General Suspended Solids	57	50	39
Unstabilized Oil & Grease	53.3	345.5	12.5
Chlorides	70	65	65
Alkalinity	41	250	153
DO - 5 Day	470	700	172
DO	859	1719	276
Total Organic Carbon	-	-	-
Aldehyde	LT 0.1	LT 0.1	LT 0.1
Alkylate	LT 1.0	LT 6.0	LT 1.0
Surfactants (MBAS)	1.34	8.24	2.21
Ammonia as N	3.58	11.2	8.74
Nitrogen as N	1.22	1.12	1.87
Rate as N	0.42	0.02	0.24
Rate as N	0.01	LT 0.01	LT 0.01
Ortho-Phosphate as P	9.17	25.97	3.49
Phenols	0.81	0.199	0.38
Alimony	LT 0.1	LT 0.1	LT 0.1
Acidic	0.011	0.009	0.009
Iron	LT 1	LT 1	LT 1
Manganese	LT 0.004	LT 0.004	LT 0.004
Total Chromium	0.011	0.021	0.021
Copper	0.044	0.22	0.089
Lead	0.519	0.731	1.11
Mercury	LT 0.050	LT 0.050	LT 0.050
Cadmium	LT 0.0007	LT 0.0007	LT 0.0007
Nickel	LT 0.025	LT 0.025	LT 0.025
Vanadium	0.005	0.008	LT 0.001
Silver	LT 0.008	0.008	LT 0.008
zinc	LT 0.45	LT 0.45	LT 0.45
	0.147	0.252	0.210

LT - Less Than, none detected

All results in mg/l unless otherwise noted

877241008

Lab No: 81-61214

Date: February 28, 1981

3.

n t NEW YORK TESTING LABORATORIES, INC.

P. O. BOX 484, 81 URBAN AVENUE, WESTBURY, L.I., N.Y. 11590 • (516) 334-7770 • (212) 297-1449

REPORT OF TESTS

Client — 81-61214 - CFM, Inc.
 Material — Four (4) Water Samples
 Client's Order No. — Pending
 Identification — As Below (Received 2/5/81)
 Submitted for — Chemical Analysis

We find as follows:

	<u>Sample Identification</u>			
	Kidde River <u>1/29/81</u>	Givaudan #1 Comp. 1/18- <u>1/25/81</u>	Givaudan #2 Comp. 1/18- <u>1/25/81</u>	Givaudan #3 Comp. 1/18- <u>1/25/81</u>
<u>Results in mg/l</u>				
Total Cyanide	-	0.02	0.04	0.03
Arsenic	-	0.159	0.007	< 0.001
Chromium	-	< 0.013	< 0.013	< 0.013
Copper	-	2.011	0.074	0.084
Lead	-	< 0.045	< 0.045	< 0.045
Manganese	-	569.62	0.429	0.248
Mercury	< 0.0007	< 0.0007	< 0.0007	< 0.0007
Nickel	-	0.647	< 0.020	< 0.020
Zinc	-	1.761	0.317	0.224

< None detected, less than

Report on sample by client applies only to sample.
 Information contained herein is not to be used

Report on samples by us applies only to lot sampled.
 usion

877241009

NEW YORK TESTING LABORATORIES, INC.

Page 2.

Lab No. 81-61214

	<u>Sample Identification</u>		
	<u>Givaudan #1</u>	<u>Givaudan #2</u>	<u>Givaudan #3</u>
	<u>Results in mg/l</u>		
Acrolein	< 0.010	< 0.010	< 0.010
Benzene	< 0.010	0.018	0.036
Toluene	< 0.010	0.031	0.382
Ethylene Dichloride	< 0.010	< 0.010	< 0.010
Methylene Chloride	< 0.010	< 0.010	< 0.010
PCB'S	< 0.010	< 0.010	< 0.010
Chlorophenol	< 0.025	< 0.025	< 0.025
Trichlorophenol	0.026	< 0.025	< 0.025
Naphthalene	< 0.010	< 0.010	< 0.010
Nitrobenzene	0.017	< 0.010	< 0.010
Formaldehyde	< 0.010	< 0.010	< 0.010

< None detected, less than

877241010

Attachment 12
NFA Letters (Properties north of
Delawanna Ave.)



State of New Jersey

Christine Todd Whitman
Governor

Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. Z394321988

JUL 20 1999

David B. Johnson, Vice President
Environmental, Health & Safety Affairs, North America
Givaudan Roure Fragrance Corporation
155 Passaic Avenue
Fairfield, NJ 07004

Re: Area of Concern Restricted Use No Further Action Letter for Soils and Covenant Not to Sue
Givaudan Roure Corporation ("Givaudan")
Tax Block 60.14 and Tax Lots 22, 26, 27, 28, 29 and 30, City of Clifton, Passaic County
100 Delawanna Avenue, Clifton, Passaic County
Case ID #NJD982186413, ISRA Case #97610
Remediation Agreement Dated: January 1, 1998

Dear Mr. Thomas:

Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26C, the New Jersey Department of Environmental Protection ("Department") makes a determination that no further action is necessary for the remediation of the site as specifically referenced above, except as noted below, so long as Givaudan Roure Fragrance Corporation ("Givaudan") did not withhold any information from the Department. This action is based upon information in the Department's case file and Givaudan's final certified report dated June 9, 1999. In issuing this restricted No Further Action Determination and Covenant Not to Sue, the Department has relied upon the certified representations and information provided to the Department.

By issuance of this No Further Action Determination, the Department acknowledges the completion of a Preliminary Assessment, Site Investigation, Remedial Investigation and Remedial Action pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) for the entire site, as specifically referenced above.

NO FURTHER ACTION CONDITIONS

As a condition of this No Further Action Determination Givaudan as well as each subsequent owner, lessee and operator (collectively Successors) shall comply with each of the following:

Name and Address Changes

Pursuant to N.J.S.A. 58:10B-12, Givaudan and the Successors shall inform the Department in writing whenever its name or address changes, within 14 calendar days after the change.

Deed Notice

Pursuant to N.J.S.A. 58:10B-13a, Givaudan and the Successors shall ensure that the Deed Notice filed on June 23, 1999 with the Passaic County Register's office is complied with including maintenance of applicable engineering controls. The deed notice was recorded on June 29, 1999 as Instrument Number T73045 and can be found at the county office in Book U161, Pages 213-249.

Pursuant to N.J.S.A. 58:10B-13h, an owner of a property on which a Deed Notice has been recorded shall notify any person who intends to excavate on the site of the nature and location of any contamination existing on the site and of any conditions or measures necessary to prevent exposure to contaminants.

Well Sealing

Pursuant to N.J.S.A. 58:4A, Givaudan and the Successors shall properly seal all monitoring wells installed as part of a remediation that will no longer be used for ground water monitoring. Wells shall be sealed by a certified and licensed well driller in accordance with the requirements of N.J.A.C. 7:9-9. The well abandonment forms shall be completed and submitted to the Bureau of Water Allocation. Please call (609) 984-6831 for forms and information.

Monitoring of Compliance

Pursuant to N.J.S.A. 58:10B-13.1, Givaudan and the Successors shall conduct monitoring for compliance and effectiveness of the institutional and engineering controls specified in this document and submit a written certification to the Department, on an annual basis, that the institutional and engineering controls are being properly maintained and continue to be protective of public health and safety and the environment. Any such certification shall include the information relied upon to determine that no changes have occurred.

COVENANT NOT TO SUE

The Department issues this Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.1. That statute requires a covenant not to sue with each no further action letter. However, in accordance with N.J.S.A. 58:10B-13.1, nothing in this Covenant shall benefit any person who is liable, pursuant to the Spill Compensation and Control Act (Spill Act), N.J.S.A. 58:10-23.11, for cleanup and removal costs and the Department makes no representation by the issuance of this Covenant, either express or implied, as to the Spill Act liability of any person.

The Department covenants, except as provided in the preceding paragraph, that it will not bring any civil action against the following:

- (a) the person who undertook the remediation;
- (b) subsequent owners of the subject property;
- (c) subsequent lessees of the subject property; and
- (d) subsequent operators at the subject property,

for the purposes of requiring remediation to address contamination which existed prior to the date of the final certified report for the real property at the site identified as Tax Block 60.14, Tax Lots 22, 26, 27, 28, 29 and 30 on the tax map of the City of Clifton, Passaic County, or payment of cleanup and removal costs for such additional remediation.

The person who undertook the remedial action, and each subsequent owner, lessee and operator, during that person's ownership, tenancy or operation, shall maintain those controls and conduct periodic compliance monitoring in the manner the Department requires.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant if the Department requires additional remediation in order to remove the institutional control. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Pursuant to N.J.S.A. 58:10B-13.1d, this Covenant does not relieve any person from the obligation to comply in the future with laws and regulations. The Department reserves its right to take all appropriate enforcement for any failure to do so.

The Department may revoke this Covenant at any time after providing notice upon its determination that either:

- (a) any person with the legal obligation to comply with any condition in this No Further Action Letter has failed to do so; or
- (b) any person with the legal obligation to maintain or monitor any engineering or institutional control has failed to do so.

This Covenant Not to Sue, which the Department has executed in duplicate, shall take effect immediately once the person who undertook the remediation has signed and dated the Covenant Not to Sue in the lines supplied below and the Department has received one copy of this document with original signatures of the Department and the person who undertook the remediation.

Name: David B. Johnson, Vice President
Environmental, Health & Safety Affairs
Givaudan - Roure, North America

Signature: David B. Johnson

Title: VP, EH&S

Dated: July 26, 1999

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Name: Bruce Venner, Bureau Chief
Bureau of Case Management

Signature: Bruce Venner

Title: Bureau Chief, Bureau of Case Management

Dated: 7/20/99

NOTICES

Offsite Contamination

Please be advised that pollution in the ground water at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9-6) which may limit ground water use at this site. It has been determined that this contamination is from a source unrelated to this site. This ground water contamination is being addressed under Case No. #NJD002156354, ISRA Case #97404.

Remediation Agreement

Please be advised that this notice will serve to release to Givaudan the Remediation Funding Source, or a portion thereof as it applies to this site, established for the Remediation Agreement signed on January 1, 1998 by the Department and Givaudan and any other funds held pending compliance.

Direct Billing

Please be advised that pursuant to the Procedures for Department Oversight of the Remediation of Contaminated Sites (N.J.A.C. 7:26C et seq) Givaudan is required to reimburse the Department for oversight of the remediation. The Department will be issuing a bill within the next four months.

Thank you for your attention to these matters. If you have any questions, please contact Maria Franco-Spera at (609) 633-0715.

Sincerely,

Bruce Venner
Bruce Venner, Bureau Chief
Bureau of Case Management

C: Chris Kanakis, Acting Section Chief, BCM
George Schlosser, DAG
Albert Greco, Health Officer, Clifton Board of Health, 900 Clifton Avenue, Clifton, NJ 07011
Richard Moran, Municipal Clerk, 900 Clifton Avenue, Clifton, NJ 07011
Bureau of Water Allocation, NJDEP

877241016



State of New Jersey

Christine Todd Whitman
Governor

Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. Z394 321 649

JUL 29 1999

David B. Johnson, Vice President
Environmental, Health & Safety Affairs, North America
Givaudan Roure Fragrance Corporation
155 Passaic Avenue
Fairfield, NJ 07004

Re: Area of Concern Unrestricted Use No Further Action Letter for Soils and Covenant Not to Sue
Givaudan Roure Corporation ("Givaudan")
Tax Block 61.03, Tax Lots 20, 26, 27 and 38, City of Clifton, Passaic County
100 Delawanna Avenue, Clifton, Passaic County
Case ID #NJD982186413, ISRA Case #97610
Remediation Agreement Dated: January 1, 1998

Dear Mr. Thomas:

Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26C, the New Jersey Department of Environmental Protection ("Department") makes a determination that no further action is necessary for the remediation of the site as specifically referenced above, except as noted below, so long as Givaudan Roure Fragrance Corporation ("Givaudan") did not withhold any information from the Department. This action is based upon information in the Department's case file and Givaudan's final certified report dated June 9, 1999. In issuing this No Further Action Determination and Covenant Not to Sue, the Department has relied upon the certified representations and information provided to the Department.

By issuance of this No Further Action Determination, the Department acknowledges the completion of a: Preliminary Assessment, Site Investigation, Remedial Investigation and Remedial Action pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) for the entire site as specifically referenced above.

NO FURTHER ACTION CONDITIONS

As a condition of this No Further Action Determination Givaudan as well as each subsequent owner, lessee and operator (collectively Successors) shall comply with each of the following:

Name and Address Changes

Pursuant to N.J.S.A. 58:10B-12, Givaudan and the Successors shall inform the Department in writing whenever its name or address changes, within 14 calendar days after the change.

Well Sealing

Pursuant to N.J.S.A. 58:4A, Givaudan and the Successors shall properly seal all monitoring wells installed as part of a remediation that will no longer be used for ground water monitoring. Wells shall be

sealed by a certified and licensed well driller in accordance with the requirements of N.J.A.C. 7:9-9. The well abandonment forms shall be completed and submitted to the Bureau of Water Allocation. Please call (609) 984-6831 for forms and information.

COVENANT NOT TO SUE

The Department issues this Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.1. That statute requires a covenant not to sue with each no further action letter. However, in accordance with N.J.S.A. 58:10B-13.1, nothing in this Covenant shall benefit any person who is liable, pursuant to the Spill Compensation and Control Act (Spill Act), N.J.S.A. 58:10-23.11, for cleanup and removal costs and the Department makes no representation by the issuance of this Covenant, either express or implied, as to the Spill Act liability of any person.

The Department covenants, except as provided in the preceding paragraph, that it will not bring any civil action against the following:

- (a) the person who undertook the remediation;
- (b) subsequent owners of the subject property;
- (c) subsequent lessees of the subject property; and
- (d) subsequent operators at the subject property,

for the purposes of requiring remediation to address contamination which existed prior to the date of the final certified report for the real property at the site identified as Tax Block 61.03, Tax Lots 20, 26, 27 and 38 on the tax map of the City of Clifton, Passaic County, or payment of cleanup and removal costs for such additional remediation.

The person who undertook the remedial action, and each subsequent owner, lessee and operator, during that person's ownership, tenancy or operation, shall maintain those controls and conduct periodic compliance monitoring in the manner the Department requires.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant if the Department requires additional remediation in order to remove the institutional control. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Pursuant to N.J.S.A. 58:10B-13.1d, this Covenant does not relieve any person from the obligation to comply in the future with laws and regulations. The Department reserves its right to take all appropriate enforcement for any failure to do so.

The Department may revoke this Covenant at any time after providing notice upon its determination that either:

- (a) any person with the legal obligation to comply with any condition in this No Further Action Letter has failed to do so; or
- (b) any person with the legal obligation to maintain or monitor any engineering or institutional control has failed to do so.

This Covenant Not to Sue, which the Department has executed in duplicate, shall take effect immediately once the person who undertook the remediation has signed and dated the Covenant Not to Sue in the lines supplied below and the Department has received one copy of this document with original signatures of the Department and the person who undertook the remediation.

Name: David B. Johnson, Vice President
Environmental, Health & Safety Affairs
Givaudan - Roure, North America

Signature: DB Johnson
Title: VP, Env Health & Safety Affairs
Dated: August 2, 1999

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Name: Chris Kanakis, Acting Section Chief
Bureau of Case Management

Signature: [Signature]
Title: Section Chief, Bureau of Case Management
Dated: 7/16/99

NOTICES

Off-site Contamination

Please be advised that pollution in the ground water at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9-6) which may limit ground water use at this site. It has been determined that this contamination is from a source unrelated to this site. This ground water contamination is being addressed under Case ID #NJD002156354, ISRA Case #97404.

Remediation Agreement

Please be advised that this notice will serve to release to Givaudan the Remediation Funding Source, or a portion thereof as it applies to this site, established for the Remediation Agreement signed on January 1, 1998 by the Department and Givaudan and any other funds held pending compliance.

877241019

Direct Billing

Please be advised that pursuant to the Procedures for Department Oversight of the Remediation of Contaminated Sites (N.J.A.C. 7:26C et seq) Givaudan is required to reimburse the Department for oversight of the remediation. The Department will be issuing a bill within the next four months.

Thank you for your attention to these matters. If you have any questions, please contact Maria Franco-Spera at (609) 633-0715.

Sincerely,

A handwritten signature in black ink, appearing to be 'CK' followed by a long horizontal stroke.

Chris Kanakis, Acting Section Chief
Bureau of Case Management

Cc: Bruce Venner, BCM
George Schlosser, DAG
Albert Greco, Health Officer, Clifton Board of Health, 900 Clifton Avenue, Clifton, NJ 07011
Richard Moran, Municipal Clerk, 900 Clifton Avenue, Clifton, NJ 07011
NJDEP-Bureau of Water Allocation

877241020

Attachment 13
FEMA Floodplain Map



State of New Jersey

Christine Todd Whitman
Governor

Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. Z394321988

JUL 20 1999

David B. Johnson, Vice President
Environmental, Health & Safety Affairs, North America
Givaudan Roure Fragrance Corporation
155 Passaic Avenue
Fairfield, NJ 07004

Re: Area of Concern Restricted Use No Further Action Letter for Soils and Covenant Not to Sue
Givaudan Roure Corporation ("Givaudan")
Tax Block 60.14 and Tax Lots 22, 26, 27, 28, 29 and 30, City of Clifton, Passaic County
100 Delawanna Avenue, Clifton, Passaic County
Case ID #NJD982186413, ISRA Case #97610
Remediation Agreement Dated: January 1, 1998

Dear Mr. Thomas:

Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26C, the New Jersey Department of Environmental Protection ("Department") makes a determination that no further action is necessary for the remediation of the site as specifically referenced above, except as noted below, so long as Givaudan Roure Fragrance Corporation ("Givaudan") did not withhold any information from the Department. This action is based upon information in the Department's case file and Givaudan's final certified report dated June 9, 1999. In issuing this restricted No Further Action Determination and Covenant Not to Sue, the Department has relied upon the certified representations and information provided to the Department.

By issuance of this No Further Action Determination, the Department acknowledges the completion of a Preliminary Assessment, Site Investigation, Remedial Investigation and Remedial Action pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) for the entire site, as specifically referenced above.

NO FURTHER ACTION CONDITIONS

As a condition of this No Further Action Determination Givaudan as well as each subsequent owner, lessee and operator (collectively Successors) shall comply with each of the following:

Name and Address Changes

Pursuant to N.J.S.A. 58:10B-12, Givaudan and the Successors shall inform the Department in writing whenever its name or address changes, within 14 calendar days after the change.

Deed Notice

Pursuant to N.J.S.A. 58:10B-13a, Givaudan and the Successors shall ensure that the Deed Notice filed on June 23, 1999 with the Passaic County Register's office is complied with including maintenance of applicable engineering controls. The deed notice was recorded on June 29, 1999 as Instrument Number T73045 and can be found at the county office in Book U161, Pages 213-249.

Pursuant to N.J.S.A. 58:10B-13h, an owner of a property on which a Deed Notice has been recorded shall notify any person who intends to excavate on the site of the nature and location of any contamination existing on the site and of any conditions or measures necessary to prevent exposure to contaminants.

Well Sealing

Pursuant to N.J.S.A. 58:4A, Givaudan and the Successors shall properly seal all monitoring wells installed as part of a remediation that will no longer be used for ground water monitoring. Wells shall be sealed by a certified and licensed well driller in accordance with the requirements of N.J.A.C. 7:9-9. The well abandonment forms shall be completed and submitted to the Bureau of Water Allocation. Please call (609) 984-6831 for forms and information.

Monitoring of Compliance

Pursuant to N.J.S.A. 58:10B-13.1, Givaudan and the Successors shall conduct monitoring for compliance and effectiveness of the institutional and engineering controls specified in this document and submit a written certification to the Department, on an annual basis, that the institutional and engineering controls are being properly maintained and continue to be protective of public health and safety and the environment. Any such certification shall include the information relied upon to determine that no changes have occurred.

COVENANT NOT TO SUE

The Department issues this Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.1. That statute requires a covenant not to sue with each no further action letter. However, in accordance with N.J.S.A. 58:10B-13.1, nothing in this Covenant shall benefit any person who is liable, pursuant to the Spill Compensation and Control Act (Spill Act), N.J.S.A. 58:10-23.11, for cleanup and removal costs and the Department makes no representation by the issuance of this Covenant, either express or implied, as to the Spill Act liability of any person.

The Department covenants, except as provided in the preceding paragraph, that it will not bring any civil action against the following:

- (a) the person who undertook the remediation;
- (b) subsequent owners of the subject property;
- (c) subsequent lessees of the subject property; and
- (d) subsequent operators at the subject property,

for the purposes of requiring remediation to address contamination which existed prior to the date of the final certified report for the real property at the site identified as Tax Block 60.14, Tax Lots 22, 26, 27, 28, 29 and 30 on the tax map of the City of Clifton, Passaic County, or payment of cleanup and removal costs for such additional remediation.

The person who undertook the remedial action, and each subsequent owner, lessee and operator, during that person's ownership, tenancy or operation, shall maintain those controls and conduct periodic compliance monitoring in the manner the Department requires.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant if the Department requires additional remediation in order to remove the institutional control. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Pursuant to N.J.S.A. 58:10B-13.1d, this Covenant does not relieve any person from the obligation to comply in the future with laws and regulations. The Department reserves its right to take all appropriate enforcement for any failure to do so.

The Department may revoke this Covenant at any time after providing notice upon its determination that either:

- (a) any person with the legal obligation to comply with any condition in this No Further Action Letter has failed to do so; or
- (b) any person with the legal obligation to maintain or monitor any engineering or institutional control has failed to do so.

This Covenant Not to Sue, which the Department has executed in duplicate, shall take effect immediately once the person who undertook the remediation has signed and dated the Covenant Not to Sue in the lines supplied below and the Department has received one copy of this document with original signatures of the Department and the person who undertook the remediation.

Name: David B. Johnson, Vice President
Environmental, Health & Safety Affairs
Givaudan – Roure, North America

Signature: David B Johnson

Title: VP, EH&S

Dated: July 26, 1999

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Name: Bruce Venner, Bureau Chief
Bureau of Case Management

Signature: Bruce Venner

Title: Bureau Chief, Bureau of Case Management

Dated: 7/20/99

NOTICES

Offsite-Contamination

Please be advised that pollution in the ground water at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9-6) which may limit ground water use at this site. It has been determined that this contamination is from a source unrelated to this site. This ground water contamination is being addressed under Case No. #NJD002156354, ISRA Case #97404.

Remediation Agreement

Please be advised that this notice will serve to release to Givaudan the Remediation Funding Source, or a portion thereof as it applies to this site, established for the Remediation Agreement signed on January 1, 1998 by the Department and Givaudan and any other funds held pending compliance.

Direct Billing

Please be advised that pursuant to the Procedures for Department Oversight of the Remediation of Contaminated Sites (N.J.A.C. 7:26C et seq) Givaudan is required to reimburse the Department for oversight of the remediation. The Department will be issuing a bill within the next four months.

Thank you for your attention to these matters. If you have any questions, please contact Maria Franco-Spera at (609) 633-0715.

Sincerely,

Bruce Venner
Bruce Venner, Bureau Chief
Bureau of Case Management

C: Chris Kanakis, Acting Section Chief, BCM
George Schlosser, DAG
Albert Greco, Health Officer, Clifton Board of Health, 900 Clifton Avenue, Clifton, NJ 07011
Richard Moran, Municipal Clerk, 900 Clifton Avenue, Clifton, NJ 07011
Bureau of Water Allocation, NJDEP

877241026



State of New Jersey

Christine Todd Whitman
Governor

Department of Environmental Protection

Robert C. Shinn, Jr.
Commissioner

**VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. Z394 321 649**

JUL 29 1999

David B. Johnson, Vice President
Environmental, Health & Safety Affairs, North America
Givaudan Roure Fragrance Corporation
155 Passaic Avenue
Fairfield, NJ 07004

Re: Area of Concern Unrestricted Use No Further Action Letter for Soils and Covenant Not to Sue
Givaudan Roure Corporation ("Givaudan")
Tax Block 61.03, Tax Lots 20, 26, 27 and 38, City of Clifton, Passaic County
100 Delawanna Avenue, Clifton, Passaic County
Case ID #NJD982186413, ISRA Case #97610
Remediation Agreement Dated: January 1, 1998

Dear Mr. Thomas:

Pursuant to N.J.S.A. 58:10B-13.1 and N.J.A.C. 7:26C, the New Jersey Department of Environmental Protection ("Department") makes a determination that no further action is necessary for the remediation of the site as specifically referenced above, except as noted below, so long as Givaudan Roure Fragrance Corporation ("Givaudan") did not withhold any information from the Department. This action is based upon information in the Department's case file and Givaudan's final certified report dated June 9, 1999. In issuing this No Further Action Determination and Covenant Not to Sue, the Department has relied upon the certified representations and information provided to the Department.

By issuance of this No Further Action Determination, the Department acknowledges the completion of a: Preliminary Assessment, Site Investigation, Remedial Investigation and Remedial Action pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E) for the entire site as specifically referenced above.

NO FURTHER ACTION CONDITIONS

As a condition of this No Further Action Determination Givaudan as well as each subsequent owner, lessee and operator (collectively Successors) shall comply with each of the following:

Name and Address Changes

Pursuant to N.J.S.A. 58:10B-12, Givaudan and the Successors shall inform the Department in writing whenever its name or address changes, within 14 calendar days after the change.

Well Sealing

Pursuant to N.J.S.A. 58:4A, Givaudan and the Successors shall properly seal all monitoring wells installed as part of a remediation that will no longer be used for ground water monitoring. Wells shall be

sealed by a certified and licensed well driller in accordance with the requirements of N.J.A.C. 7:9-9. The well abandonment forms shall be completed and submitted to the Bureau of Water Allocation. Please call (609) 984-6831 for forms and information.

COVENANT NOT TO SUE

The Department issues this Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.1. That statute requires a covenant not to sue with each no further action letter. However, in accordance with N.J.S.A. 58:10B-13.1, nothing in this Covenant shall benefit any person who is liable, pursuant to the Spill Compensation and Control Act (Spill Act), N.J.S.A. 58:10-23.11, for cleanup and removal costs and the Department makes no representation by the issuance of this Covenant, either express or implied, as to the Spill Act liability of any person.

The Department covenants, except as provided in the preceding paragraph, that it will not bring any civil action against the following:

- (a) the person who undertook the remediation;
- (b) subsequent owners of the subject property;
- (c) subsequent lessees of the subject property; and
- (d) subsequent operators at the subject property,

for the purposes of requiring remediation to address contamination which existed prior to the date of the final certified report for the real property at the site identified as Tax Block 61.03, Tax Lots 20, 26, 27 and 38 on the tax map of the City of Clifton, Passaic County, or payment of cleanup and removal costs for such additional remediation.

The person who undertook the remedial action, and each subsequent owner, lessee and operator, during that person's ownership, tenancy or operation, shall maintain those controls and conduct periodic compliance monitoring in the manner the Department requires.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Any person who may benefit from this Covenant is barred from making a claim against the Spill Compensation Fund, N.J.S.A. 58:10-23.11i, and the Sanitary Landfill Facility Contingency Fund, N.J.S.A. 13:1E-105, for any costs or damages relating to the remediation covered by this Covenant if the Department requires additional remediation in order to remove the institutional control. All other claims against these funds will be controlled by the corresponding statutes and their implementing regulations.

Pursuant to N.J.S.A. 58:10B-13.1d, this Covenant does not relieve any person from the obligation to comply in the future with laws and regulations. The Department reserves its right to take all appropriate enforcement for any failure to do so.

The Department may revoke this Covenant at any time after providing notice upon its determination that either:

- (a) any person with the legal obligation to comply with any condition in this No Further Action Letter has failed to do so; or
- (b) any person with the legal obligation to maintain or monitor any engineering or institutional control has failed to do so.

This Covenant Not to Sue, which the Department has executed in duplicate, shall take effect immediately once the person who undertook the remediation has signed and dated the Covenant Not to Sue in the lines supplied below and the Department has received one copy of this document with original signatures of the Department and the person who undertook the remediation.

Name: David B. Johnson, Vice President
Environmental, Health & Safety Affairs
Givaudan - Roure, North America

Signature: DB Johnson
Title: VP, Env Health & Safety Affairs
Dated: August 2, 1999

NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Name: Chris Kanakis, Acting Section Chief
Bureau of Case Management

Signature: [Signature]
Title: Section Chief, Bureau of Case Management
Dated: 7/16/99

NOTICES

Off-site Contamination

Please be advised that pollution in the ground water at this site exists above the Ground Water Quality Standards (N.J.A.C. 7:9-6) which may limit ground water use at this site. It has been determined that this contamination is from a source unrelated to this site. This ground water contamination is being addressed under Case ID #NJD002156354, ISRA Case #97404.

Remediation Agreement

Please be advised that this notice will serve to release to Givaudan the Remediation Funding Source, or a portion thereof as it applies to this site, established for the Remediation Agreement signed on January 1, 1998 by the Department and Givaudan and any other funds held pending compliance.

877241029

Direct Billing

Please be advised that pursuant to the Procedures for Department Oversight of the Remediation of Contaminated Sites (N.J.A.C. 7:26C et seq) Givaudan is required to reimburse the Department for oversight of the remediation. The Department will be issuing a bill within the next four months.

Thank you for your attention to these matters. If you have any questions, please contact Maria Franco-Spera at (609) 633-0715.

Sincerely,

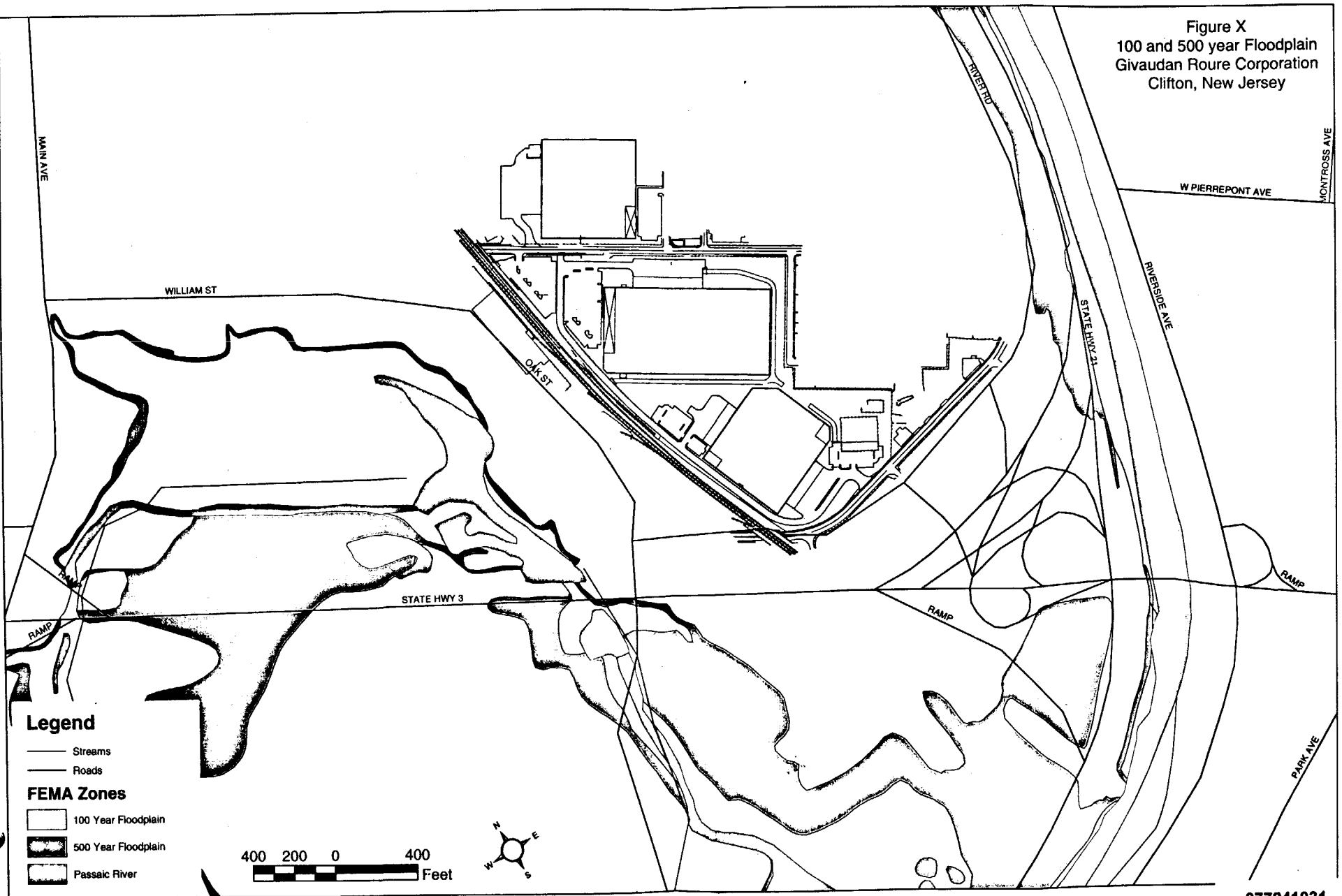
A handwritten signature in black ink, appearing to be 'CK' followed by a long horizontal stroke.

Chris Kanakis, Acting Section Chief
Bureau of Case Management

Cc: Bruce Venner, BCM
George Schlosser, DAG
Albert Greco, Health Officer, Clifton Board of Health, 900 Clifton Avenue, Clifton, NJ 07011
Richard Moran, Municipal Clerk, 900 Clifton Avenue, Clifton, NJ 07011
NJDEP-Bureau of Water Allocation

877241030

Figure X
100 and 500 year Floodplain
Givaudan Roure Corporation
Clifton, New Jersey



Attachment 14
EDR Facility Report

877241033



EDR™ Environmental
Data Resources Inc

EDR-Industrial Site Package™

Air, Water, OSHA Report

GIVAUDAN-ROURE CORPORATION
125 Delawanna Avenue
Clifton, NJ 07011

Inquiry Number: 01206165.3r

June 7, 2004

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

877241034

TABLE OF CONTENTS

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The EDR Air, Water, OSHA Report is a comprehensive presentation of government filings on a facility
The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: air emissions, water discharges, and health & safety issues.

Due to inconsistent name and/or locational information, records on the same facility may be listed in separate facility columns.

Section 2: Facility Detail Reports Page 5

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 22

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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SECTION 1: FACILITY SUMMARY

Due to inconsistent name and/or locational information, records on the same facility may be listed in separate facility columns.

	RECORD 1 STATE ELECTRIC MOTOR & SERVICE 125 DELAWANA AVENUE CLIFTON, NJ 07480 EDR ID #O-109935643	RECORD 2 GIVAUDAN-ROURE CORPOR ATION 125 DELAWANNA AVE CLIFTON, NJ EDR ID #I-023403100251	RECORD 3 GIVAUDAN ROURE CORPOR ATION 125 DELAWANNA AVENUE CLIFTON, NJ 07015 - 5034 EDR ID #P-NJ0125261
AIR EMISSIONS			
Permitted air emissions (AIRS)	NO	YES - p9	NO
Reported emergency releases to air (ERNS/A)	NO	NO	NO
Compliance data (AIRS/COM)	NO	YES - p9	NO
WATER DISCHARGES			
Permitted waste water discharges (NPDES/PCS)	NO	NO	YES - p14
Reported emergency releases to water (ERNS/W)	NO	NO	NO
Enforcement actions (NPDES/PCS-ENF)	NO	NO	NO
has stormwater discharges (NPDES-PCS INACT)	NO	NO	NO
Stormwater permit (STORMWATER)	NO	NO	NO
HEALTH AND SAFETY			
Inspected by the Occupational Safety and Health Administration (OSHA)	YES - p6	NO	NO
Violations under OSHA (OSHA/VIOL)	YES - p7	NO	NO
Facility has had accidents according to the Occupational Safety and Health Administration (OSHA/ACC)	NO	NO	NO
TOTAL (YES)	2	2	1

- A "NO" indicates that no findings were identified based on an exact name, address and/or EPA facility identification number search. Facility information may be available under an alternate name, address and/or EPA identification number.

- NR = Not Requested

SECTION 1: FACILITY SUMMARY

...Continued...

	RECORD 4 GIVAUDAN ROURE CORPORATION 125 DELEWANNA AVENUE CLIFTON, NJ 07015 - 5034 EDR ID #N-NJ0125261	RECORD 5 GIVAUDAN-ROURE 125 DELEWANNA AVENUE CLIFTON, NJ 07015 EDR ID #P-NJ0099414	RECORD 6 GIVAUDAN-ROURE 125 DELEWANNA AVENUE CLIFTON, NJ 07015 EDR ID #N-NJ0099414	TOTAL (YES)
AIR EMISSIONS				
Permitted air emissions (AIRS)	NO	NO	NO	1
Reported emergency releases to air (ERNS/A)	NO	NO	NO	0
Compliance data (AIRS/COM)	NO	NO	NO	1
WATER DISCHARGES				
Permitted waste water discharges (NPDES/PCS)	NO	YES - p18	NO	2
Reported emergency releases to water (ERNS/W)	NO	NO	NO	0
Enforcement actions (NPDES/PCS-ENF)	NO	NO	NO	0
has stormwater discharges (NPDES-PCS INACT)	YES - p16	NO	YES - p21	2
Stormwater permit (STORMWATER)	NO	NO	NO	0
HEALTH AND SAFETY				
Inspected by the Occupational Safety and Health Administration (OSHA)	NO	NO	NO	1
Violations under OSHA (OSHA/VIOL)	NO	NO	NO	1
Facility has had accidents according to the Occupational Safety and Health Administration (OSHA/ACC)	NO	NO	NO	0
TOTAL (YES)	1	1	1	8

- A "NO" indicates that no findings were identified based on an exact name, address and/or EPA facility identification number search. Facility information may be available under an alternate name, address and/or EPA identification number.
- NR = Not Requested

SECTION 2: FACILITY DETAIL REPORTS

877241038

Record 1: **STATE ELECTRIC MOTOR & SERVICE**
CLIFTON, NJ 07480 (EDR ID# O-109935643)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air. NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges. NO
Facility has reported emergency releases to water. NO
Facility has enforcement actions NO
Facility has an inactive waste water permit. NO
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration YES
Facility has violations cited by the Occupational Safety and Health Administration. YES
Facility has had accidents according to the Occupational Safety and Health Administration. NO

TOTALS (YES) 2

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

877241039

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration

DATABASE: Occupational Safety and Health Administration (OSHA)

STATE ELECTRIC MOTOR & SERVICE
125 DELAWANA AVENUE
CLIFTON, NJ 07480
EDR ID #O-109935643

OSHA INSPECTIONS:

OSHA Inspection Activity Number 109935643
Establishment: STATE ELECTRIC MOTOR & SERVICE
125 DELAWANA AVENUE
CLIFTON, NJ 07480
Passaic County

Primary SIC: 1731
Secondary SIC: Not reported
Employees at Site: Not reported
Total Employees: Not reported

Inspection Report ID: 0214500
Inspector Title: Health Officer
Total Inspection Time: 14.0 hours

Lost Workday Injury Rate: Not reported
Case Completed Date: 8/04/95
Unionized: UNION

SECTION 2: FACILITY DETAIL REPORTS

877241040

...Continued...

HEALTH AND SAFETY

Facility has had violations cited by the Occupational Safety and Health Administration

DATABASE: Occupational Safety and Health Administration (OSHA)

STATE ELECTRIC MOTOR & SERVICE
125 DELAWANA AVENUE
CLIFTON, NJ 07480
EDR ID #O-109935643

OSHA VIOLATIONS:

Standard Violated: N-16 ASBESTOS
Event: Not reported
Citation Type: Not reported
Citation ID: Not reported
Issue Date: Not reported
Original Penalty: Not reported
Actual Penalty: Not reported
Penalty Contested: No
Hazardous Substance Involved: Not reported

Disposition: Not reported
Abatement Status: Not reported
Abatement Date: Not reported
Original Failure-to-Abate Penalty: Not reported
Actual Failure-to-Abate Penalty: Not reported

Standard Violated: 1926.058 F01 I
Event: Not reported
Citation Type: Other
Citation ID: 01001
Issue Date: 7/19/94
Original Penalty: \$0
Actual Penalty: \$0
Penalty Contested: No
Hazardous Substance Involved: Not reported

Disposition: Not reported
Abatement Status: Completed
Abatement Date: 7/22/94
Original Failure-to-Abate Penalty: \$0
Actual Failure-to-Abate Penalty: \$0

SECTION 2: FACILITY DETAIL REPORTS

877241041

...Continued...

Record 2: **GIVAUDAN-ROURE CORPORATION**
CLIFTON, NJ (EDR ID# I-023403100251)

AIR EMISSIONS

Facility has permitted air emissions YES
Facility has reported emergency releases to air NO
Facility has compliance data YES

WATER DISCHARGES

Facility has permitted waste water discharges NO
Facility has reported emergency releases to water NO
Facility has enforcement actions NO
Facility has an inactive waste water permit NO
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration NO
Facility has had accidents according to the Occupational Safety and Health Administration NO

TOTALS (YES) 2

SECTION 2: FACILITY DETAIL REPORTS

877241042

...Continued...

AIR EMISSIONS

Facility has ermitted air emissions

Facility has compliance data

DATABASE: Aerometric Information Retrieval System (AIRS)

GIVAUDAN-ROURE CORPORATION
125 DELAWANNA AVE
CLIFTON, NJ
EDR ID #I-023403100251

COMPLIANCE AND VIOL DATA MAJOR SOURCES:

Region Code :	02	State :	NEW JERSEY
Zip Code :	07015		
County Code :	031		
EPA Plant ID :	NJD002156354	Dunn & Bradst #	Not reported
Air Quality Cntrl Region :	043	Plant Name :	GIVAUDAN-ROURE CORPORATION
Plant Address :	125 DELAWANNA AVE CLIFTON NJ	County Name :	PASSAIC
SIC Code :	2819		
North American Indutrial Classf :	Not reported		
Default Compliance Status	IN COMPLIANCE - CERTIFICATION		
Default Classification :	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS		
Govt Facility :	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT		
Current HPV :	ADDRESSED-STATE/LOCAL HAS LEAD ENFORCEMENT		

COMPLIANCE AND ENFORCEMENT MAJOR ISSUES:

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : STTE ADMIN ORD STATE ADMINISTRATIVE ORDER
Date Achieved : 950324
Penalty Amount : 0000080

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : STTE ADMIN ORD STATE ADMINISTRATIVE ORDER
Date Achieved : 950221
Penalty Amount : 0000036

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : PCE/ONSITE-STTE STATE PCE/ON-SITE
Date Achieved : 950616
Penalty Amount : 0000000

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : STATE DAY 0
Date Achieved : 950119
Penalty Amount : 0000000

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : STTE ADMIN ORD STATE ADMINISTRATIVE ORDER
Date Achieved : 950324
Penalty Amount : 0000080

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : SV RPT ADDRESS SV REPORTED AS ADDRESSED
Date Achieved : 950909
Penalty Amount : 0000000

SECTION 2: FACILITY DETAIL REPORTS

877241043

...Continued...

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : STATE DAY 0
Date Achieved : 950121
Penalty Amount : 0000000

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : STTE ADMIN ORD STATE ADMINISTRATIVE ORDER
Date Achieved : 950909
Penalty Amount : 0000120

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : SV RPT ADDRESS SV REPORTED AS ADDRESSED
Date Achieved : 950909
Penalty Amount : 0000000

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : PCE/ONSITE-STTE STATE PCE/ON-SITE
Date Achieved : 960625
Penalty Amount : 0000000

Region Code : 02
State : NEW JERSEY
County Code : 031
Air Program : SIP SOURCE
National Action Type : PCE/ONSITE-STTE STATE PCE/ON-SITE
Date Achieved : 970625
Penalty Amount : 0000000

HIST COMPLIANCE MAJOR SOURCES:

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0401
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0304
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0303
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0302
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0301
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0204
Air Prog Code Hist File : 0

SECTION 2: FACILITY DETAIL REPORTS

877241044

...Continued...

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0203
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - INSPECTION
Hist Compliance Date : 0202
Air Prog Code Hist File : 0

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0401
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0304
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0303
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0302
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0301
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0204
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0203
Air Prog Code Hist File : 9

Region Code : 02
State : NEW JERSEY
County Code : 031
St Compliance Status : IN COMPLIANCE - CERTIFICATION
Hist Compliance Date : 0202
Air Prog Code Hist File : 9

COMPLIANCE & VIOL DATA BY MAJOR SOURCES:

Air Program Code :
Plant Air Program Pollutant :
Default Pollutant Compliance Status :
Default Pollutant Classification :

Default Arrainment/Non Attainment Indicator :
Repeat Violator Date :
Turnover Compliance :

Air Program Code :
Plant Air Program Pollutant :

NSPS
TOTAL PARTICULATE MATTER
IN COMPLIANCE - CERTIFICATION
ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE
MAJOR SOURCE THRESHOLDS
ATTAINMENT AREA FOR GIVEN POLLUTANT
0289
001

SIP SOURCE
VOLATILE ORGANIC COMPOUNDS

SECTION 2: FACILITY DETAIL REPORTS

877241045

...Continued...

Default Pollutant Compliance Status :
Default Pollutant Classification :

Default Arrainment/Non Attainment Indicator :
Repeat Violator Date :
Turnover Compliance :

Air Program Code :
Plant Air Program Pollutant :
Default Pollutant Compliance Status :
Default Pollutant Classification :

Default Arrainment/Non Attainment Indicator :
Repeat Violator Date :
Turnover Compliance :

Air Program Code :
Plant Air Program Pollutant :
Default Pollutant Compliance Status :
Default Pollutant Classification :
Default Arrainment/Non Attainment Indicator :
Repeat Violator Date :
Turnover Compliance :

Air Program Code :
Plant Air Program Pollutant :
Default Pollutant Compliance Status :
Default Pollutant Classification :

Default Arrainment/Non Attainment Indicator :
Repeat Violator Date :
Turnover Compliance :

IN COMPLIANCE - INSPECTION
ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE
MAJOR SOURCE THRESHOLDS
ALL OTHER NON-ATTAINMENT FOR PRIMARY AND SECONDARY STANDARDS
Not reported
000

NSPS
NO2
IN COMPLIANCE - INSPECTION
ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE
MAJOR SOURCE THRESHOLDS
ATTAINMENT AREA FOR GIVEN POLLUTANT
0289
001

NSPS
SULFUR DIOXIDE
IN COMPLIANCE - CERTIFICATION
POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
ATTAINMENT AREA FOR GIVEN POLLUTANT
0289
001

NSPS
VOLATILE ORGANIC COMPOUNDS
IN COMPLIANCE - INSPECTION
ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE
MAJOR SOURCE THRESHOLDS
ALL OTHER NON-ATTAINMENT FOR PRIMARY AND SECONDARY STANDARDS
0289
001

SECTION 2: FACILITY DETAIL REPORTS

877241046

...Continued...

Record 3: GIVAUDAN ROURE CORPORATION
CLIFTON, NJ 07015 - 5034 (EDR ID# P-NJ0125261)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges YES
Facility has reported emergency releases to water NO
Facility has enforcement actions NO
Facility has an inactive waste water permit NO
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration NO
Facility has had accidents according to the Occupational Safety and Health Administration NO

TOTALS (YES) 1

SECTION 2: FACILITY DETAIL REPORTS

877241047

...Continued...

WATER DISCHARGES

Facility has permitted waste water discharges

DATABASE: Permit Compliance System (PCS)

GIVAUDAN ROURE CORPORATION
125 DELAWANNA AVENUE
CLIFTON, NJ 07015 - 5034
EDR ID #P-NJ0125261

Facility Name:	GIVAUDAN ROURE CORPORATION
Facility Address:	125 DELAWANNA AVENUE
Facility Address 2:	Not reported
Facility County:	PASSAIC
Facility Location :	GIVAUDAN ROURE CORPORATION
NPDES ID:	NJ0125261
EPA ID:	Not reported
Owner Type:	Not reported
Mailing Address:	125 DELAWANNA AVENUE
	Not reported
	CLIFTON, NJ 07015 - 5034
Contact Name:	JOSEPH ZGURZYNSKI
Contact Tel:	(201) 365-8566
Discharger:	Minor
Facility Type:	OTHER
SIC Code:	Not reported
SIC Description:	Not reported
Coordinates:	Not reported
River Basin:	Not reported
Permit Issued:	05/05/97
Permit Expires:	01/31/02
Average Design Flow:	Not reported
Pre Treatment Indicator:	Not reported
HQ Indian purpose spec:	Not reported
Receiving Waters:	Not reported
Inspection Date:	042197
Inspection Type:	COMPLIANCE EVAL (NON-SAMPLING)
Inspector:	STATE
QNCR qtr 4 Status:	Not reported
QNCR qtr 4 Manual Status:	Not reported
Facility Name:	GIVAUDAN ROURE CORPORATION
Facility Address:	125 DELAWANNA AVENUE
Facility Address 2:	Not reported
Facility County:	PASSAIC
Facility Location :	GIVAUDAN ROURE CORPORATION
NPDES ID:	NJ0125261
EPA ID:	Not reported
Owner Type:	Not reported
Mailing Address:	125 DELAWANNA AVENUE
	Not reported
	CLIFTON, NJ 07015 - 5034
Contact Name:	JOSEPH ZGURZYNSKI
Contact Tel:	(201) 365-8566
Discharger:	Minor
Facility Type:	OTHER
SIC Code:	Not reported
SIC Description:	Not reported
Coordinates:	Not reported
River Basin:	Not reported
Permit Issued:	05/05/97
Permit Expires:	01/31/02
Average Design Flow:	Not reported
Pre Treatment Indicator:	Not reported
HQ Indian purpose spec:	Not reported
Receiving Waters:	Not reported
Inspection Date:	120198
Inspection Type:	COMPLIANCE EVAL (NON-SAMPLING)
Inspector:	STATE
QNCR qtr 4 Status:	Not reported
QNCR qtr 4 Manual Status:	Not reported

SECTION 2: FACILITY DETAIL REPORTS

877241048

...Continued...

Record 4: GIVAUDAN ROURE CORPORATION
CLIFTON, NJ 07015 - 5034 (EDR ID# N-NJ0125261)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air. NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges. NO
Facility has reported emergency releases to water. NO
Facility has enforcement actions NO
Facility has an inactive waste water permit. YES
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration. NO
Facility has had accidents according to the Occupational Safety and Health Administration. NO

TOTALS (YES) 1

SECTION 2: FACILITY DETAIL REPORTS

877241049

...Continued...

WATER DISCHARGES

Facility has an inactive waste water permit

DATABASE: Inactive Waste Water Permit (NPDES-PCS INACT)

GIVAUDAN ROURE CORPORATION
125 DELAWANNA AVENUE
CLIFTON, NJ 07015 - 5034
EDR ID #N-NJ0125261

Facility Name:	GIVAUDAN ROURE CORPORATION
Facility Address:	125 DELAWANNA AVENUE
Facility Address 2:	Not reported
Facility County:	PASSAIC
Facility Phone:	(201) 365-8566
Facility Location :	GIVAUDAN ROURE CORPORATION
NPDES ID:	NJ0125261
EPA ID:	Not reported
Inactive Date:	040799
Owner Type:	Not reported

Mailing Address:	125 DELAWANNA AVENUE
	Not reported
	CLIFTON, NJ 07015 - 5034

Contact Name:	JOSEPH ZGURZYNSKI
Contact Tel:	(201) 365-8566
Discharger:	Minor
Facility Type:	OTHER

SIC Code:	Not reported
SIC Description:	Not reported
Coordinates:	Not reported
River Basin:	Not reported
Permit Type:	050597
Permit Issued:	05/05/97
Permit Expires:	01/31/02
Average Design Flow:	Not reported
Pre Treatment Indicator:	Not reported

SECTION 2: FACILITY DETAIL REPORTS

877241050

...Continued...

Record 5: **GIVAUDAN-ROURE**
CLIFTON, NJ 07015 (EDR ID# P-NJ0099414)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air. NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges. YES
Facility has reported emergency releases to water. NO
Facility has enforcement actions NO
Facility has an inactive waste water permit. NO
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration. NO
Facility has had accidents according to the Occupational Safety and Health Administration. NO

TOTALS (YES) 1

SECTION 2: FACILITY DETAIL REPORTS

877241051

...Continued...

WATER DISCHARGES

Facility has permitted waste water discharges

DATABASE: Permit Compliance System (PCS)

GIVAUDAN-ROURE
125 DELEWANNA AVENUE
CLIFTON, NJ 07015
EDR ID #P-NJ0099414

Facility Name: GIVAUDAN-ROURE
Facility Address: 125 DELEWANNA AVENUE
Facility Address 2: Not reported
Facility County: PASSAIC
Facility Location : GIVAUDAN-ROURE
NPDES ID: NJ0099414
EPA ID: NJD002156354
Owner Type: PRI
Mailing Address:

125 DELEWANNA AVENUE
Not reported
CLIFTON, NJ 07015

Contact Name: JOHN ANGIOLINI
Contact Tel: (201) 365-8486
Discharger: Minor
Facility Type: INDUSTRIAL

SIC Code: 2869, INDUSTRIAL ORGANIC CHEMICALS, NEC
SIC Description: INDUST. ORGANIC CHEMICALS NEC
Coordinates: Lat +4045200, Long -07408000
River Basin: Not reported
Permit Issued: 08/11/82
Permit Expires: 09/30/87
Average Design Flow: Not reported
Pre Treatment Indicator: Not reported
HQ Indian purpose spec: Not reported
Receiving Waters: Not reported
Inspection Date: 082589
Inspection Type: INDUSTRIAL USER INSPECTION
Inspector: STATE
QNCR qtr 4 Status: NC-RNC VIOLTNs ONLY
QNCR qtr 4 Manual Status: Not reported

Facility Name: GIVAUDAN-ROURE
Facility Address: 125 DELEWANNA AVENUE
Facility Address 2: Not reported
Facility County: PASSAIC
Facility Location : GIVAUDAN-ROURE
NPDES ID: NJ0099414
EPA ID: NJD002156354
Owner Type: PRI
Mailing Address:

125 DELEWANNA AVENUE
Not reported
CLIFTON, NJ 07015

Contact Name: JOHN ANGIOLINI
Contact Tel: (201) 365-8486
Discharger: Minor
Facility Type: INDUSTRIAL

SIC Code: 2869, INDUSTRIAL ORGANIC CHEMICALS, NEC
SIC Description: INDUST. ORGANIC CHEMICALS NEC
Coordinates: Lat +4045200, Long -07408000
River Basin: Not reported
Permit Issued: 08/11/82
Permit Expires: 09/30/87
Average Design Flow: Not reported
Pre Treatment Indicator: Not reported
HQ Indian purpose spec: Not reported
Receiving Waters: Not reported
Inspection Date: 110890
Inspection Type: COMPLIANCE SAMPLING
Inspector: STATE
QNCR qtr 4 Status: NC-RNC VIOLTNs ONLY
QNCR qtr 4 Manual Status: Not reported

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

877241052

Facility Name: GIVAUDAN-ROURE
Facility Address: 125 DELEWANNA AVENUE
Facility Address 2: Not reported
Facility County: PASSAIC
Facility Location : GIVAUDAN-ROURE
NPDES ID: NJ0099414
EPA ID: NJD002156354
Owner Type: PRI
Mailing Address: 125 DELEWANNA AVENUE
Not reported
CLIFTON, NJ 07015
Contact Name: JOHN ANGIOLINI
Contact Tel: (201) 365-8486
Discharger: Minor
Facility Type: INDUSTRIAL
SIC Code: 2869, INDUSTRIAL ORGANIC CHEMICALS, NEC
SIC Description: INDUST. ORGANIC CHEMICALS NEC
Coordinates: Lat +4045200, Long -07408000
River Basin: Not reported
Permit Issued: 08/11/82
Permit Expires: 09/30/87
Average Design Flow: Not reported
Pre Treatment Indicator: Not reported
HQ Indian purpose spec: Not reported
Receiving Waters: Not reported
Inspection Date: 111891
Inspection Type: COMPLIANCE EVAL (NON-SAMPLING)
Inspector: STATE
QNCR qtr 4 Status: NC-RNC VIOLTNs ONLY
QNCR qtr 4 Manual Status: Not reported

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

877241053

Record 6: **GIVAUDAN-ROURE**
CLIFTON, NJ 07015 (EDR ID# N-NJ0099414)

AIR EMISSIONS

Facility has permitted air emissions NO
Facility has reported emergency releases to air. NO
Facility has compliance data NO

WATER DISCHARGES

Facility has permitted waste water discharges. NO
Facility has reported emergency releases to water. NO
Facility has enforcement actions NO
Facility has an inactive waste water permit. YES
Facility has stormwater discharges NO

HEALTH AND SAFETY

Facility has been inspected by the Occupational Safety and Health Administration NO
Facility has violations cited by the Occupational Safety and Health Administration. NO
Facility has had accidents according to the Occupational Safety and Health Administration. NO

TOTALS (YES) 1

SECTION 2: FACILITY DETAIL REPORTS

877241054

...Continued...

WATER DISCHARGES

Facility has an inactive waste water permit

DATABASE: Inactive Waste Water Permit (NPDES-PCS INACT)

GIVAUDAN-ROURE
125 DELEWANNA AVENUE
CLIFTON, NJ 07015
EDR ID #N-NJ0099414

Facility Name:	GIVAUDAN-ROURE
Facility Address:	125 DELEWANNA AVENUE
Facility Address 2:	Not reported
Facility County:	PASSAIC
Facility Phone:	(201) 365-8486
Facility Location :	GIVAUDAN-ROURE
NPDES ID:	NJ0099414
EPA ID:	NJD002156354
Inactive Date:	020193
Owner Type:	PRI
Mailing Address:	125 DELEWANNA AVENUE
	Not reported
	CLIFTON, NJ 07015
Contact Name:	JOHN ANGIOLINI
Contact Tel:	(201) 365-8486
Discharger:	Minor
Facility Type:	INDUSTRIAL
SIC Code:	2869, INDUSTRIAL ORGANIC CHEMICALS, NEC
SIC Description:	INDUST. ORGANIC CHEMICALS NEC
Coordinates:	Lat +4045200, Long -07408000
River Basin:	Not reported
Permit Type:	081182
Permit Issued:	08/11/82
Permit Expires:	09/30/87
Average Design Flow:	Not reported
Pre Treatment Indicator:	Not reported

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

FACILITY RELATED DATABASES

AIR EMISSIONS

AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Source: EPA

Telephone: 800-367-1044

General plant level, plant air program, air program pollutant and plant action data.

Date of Government Version: 01/13/2003

Database Release Frequency: Annually

Date of Last EDR Contact: 03/30/2004

Date of Next Scheduled Update: 07/26/2004

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003

Database Release Frequency: Annually

Date of Last EDR Contact: 04/26/2004

Date of Next Scheduled Update: 07/26/2004

WATER DISCHARGES

PCS: Permit Compliance System

Source: EPA/Office of Water

Telephone: 202-564-4099

PCS is EPA's database system for managing wastewater discharges to surface bodies of water as part of the National Pollutant Discharge Elimination System under the Clean Water Act. Facility data, discharge monitoring report information and compliance/enforcement activities are included in the database. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/26/2004

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/12/2004

Date of Next Scheduled Update: 07/12/2004

PCS INACTIVE: Listing of Inactive PCS Permits

Source: Environmental Protection Agency

Telephone: 202-564-2496

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 03/10/2004

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/2004

Date of Next Scheduled Update: 05/17/2004

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2003

Database Release Frequency: Annually

Date of Last EDR Contact: 04/26/2004

Date of Next Scheduled Update: 07/26/2004

HEALTH AND SAFETY

OSHA: Occupational Safety and Health Administration

Source: Department of Labor

Telephone: 202-219-7888

Specific inspection, violation and fatality/catastrophe information regarding inspections of interest.

Date of Government Version: 12/31/2002

Database Release Frequency: Annually

Date of Last EDR Contact: 04/21/2004

Date of Next Scheduled Update: 07/19/2004

877241055

Attachment 15
Certificate of Incorporation

877241057

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF INCORPORATION OF "GIVAUDAN FRAGRANCES CORPORATION", FILED IN THIS OFFICE ON THE NINTH DAY OF MAY, A.D. 2000, AT 9 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



3225225 8100

001235122

Edward J. Freel
Edward J. Freel, Secretary of State

AUTHENTICATION:

0427499

DATE:

05-09-00

877241058

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 09:00 AM 05/09/2000
001235122 - 3225225

CERTIFICATE OF INCORPORATION
OF
GIVAUDAN FRAGRANCES CORPORATION

FIRST: The name of the Corporation is Givaudan Fragrances Corporation.

SECOND: The address of its registered office in the State of Delaware is Corporation Service Company, 1013 Centre Road, City of Wilmington, County of New Castle, Delaware 19805. The name of its registered agent at such address is Corporation Service Company.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware as the same exists or may hereafter be amended ("Delaware Law").

FOURTH: The total number of shares of stock which the Corporation shall have authority to issue is 100, and the par value of each such share is \$1.00, amounting in the aggregate to \$100.

FIFTH: The name and mailing address of the incorporator are:

<u>Name</u>	<u>Mailing Address</u>
Ulrika Ekman	450 Lexington Avenue New York, New York 10017

SIXTH: The Board of Directors shall have the power to adopt, amend or repeal the bylaws of the Corporation.

SEVENTH: Election of directors need not be by written ballot unless the bylaws of the Corporation so provide.

EIGHTH: (1) A director of the Corporation shall not be liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director to the fullest extent permitted by Delaware Law.

(2)(a) Each person (and the heirs, executors or administrators of such person) who was or is a party or is threatened to be made a party to, or is involved

in any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person is or was a director or officer of the Corporation or is or was serving at the request of the Corporation as a director or officer of another corporation, partnership, joint venture, trust or other enterprise, shall be indemnified and held harmless by the Corporation to the fullest extent permitted by Delaware Law. The right to indemnification conferred in this ARTICLE EIGHTH shall also include the right to be paid by the Corporation the expenses incurred in connection with any such proceeding in advance of its final disposition to the fullest extent authorized by Delaware Law. The right to indemnification conferred in this ARTICLE EIGHTH shall be a contract right.

(b) The Corporation may, by action of its Board of Directors, provide indemnification to such of the officers, employees and agents of the Corporation to such extent and to such effect as the Board of Directors shall determine to be appropriate and authorized by Delaware Law.


(3) The Corporation shall have power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any expense, liability or loss incurred by such person in any such capacity or arising out of his status as such, whether or not the Corporation would have the power to indemnify him against such liability under Delaware Law.

(4) The rights and authority conferred in this ARTICLE EIGHTH shall not be exclusive of any other right which any person may otherwise have or hereafter acquire.

(5) Neither the amendment nor repeal of this ARTICLE EIGHTH, nor the adoption of any provision of this Certificate of Incorporation or the bylaws of the Corporation, nor, to the fullest extent permitted by Delaware Law, any modification of law, shall eliminate or reduce the effect of this ARTICLE EIGHTH in respect of any acts or omissions occurring prior to such amendment, repeal, adoption or modification.

NINTH: The Corporation reserves the right to amend this Certificate of Incorporation in any manner permitted by Delaware Law and, with the sole exception of those rights and powers conferred under the above ARTICLE EIGHTH, all rights and powers conferred herein on stockholders, directors and officers, if any, are subject to this reserved power.

IN WITNESS WHEREOF, I have hereunto signed my name this 5th day
of May 2000.

A handwritten signature in black ink, appearing to read 'Ulrika Ekman', written over a horizontal line.

Ulrika Ekman, Incorporator

Attachment 16
Annual Report

Givaudan[®]

Annual Report 2003



877241064

Key Figures

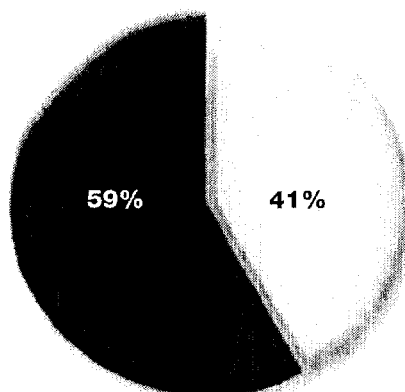
in millions of Swiss francs, except per share data	Actual		Pro forma ^a
	2003	2002	2002
Sales	2,715	2,674	2,796
Operating profit before restructuring costs	408	431	432
as % of sales	15.0%	16.1%	15.5%
Operating profit	340	405	432
as % of sales	12.5%	15.2%	15.5%
Net income	216	256	274
EBITDA before restructuring costs ^b	589	605	620
EBITDA ^b	521	579	620
Earnings per share – basic (CHF)	27.03	30.06	31.48
Earnings per share – diluted (CHF)	26.93	30.02	31.44
Operating cash flow	481	410	
as % of sales	17.7%	15.3%	
Total assets	4,548	4,561	
Total liabilities	1,962	1,795	
Total equity and minority interest	2,586	2,766	
Number of employees	5,981	5,844	

a) On 2 May 2002, Givaudan SA acquired 100% control of the flavour activities of Nestlé, Vevey-Switzerland, operating under the umbrella of Food Ingredients Specialities (FIS). The income statement related figures shown in the table above are derived from the unaudited Pro forma Consolidated Income Statement as if the acquisition had occurred on 1 January 2001. Details of the pro forma adjustments are disclosed in the notes to the Pro Forma Consolidated Income Statement on page 79.

b) EBITDA: **E**arnings **B**efore **I**nterest (and other financial income), **T**ax, **D**epreciation and **A**mortisation. This corresponds to operating profit before depreciation and amortisation.

Sales by Division (in actual terms)

Sales Flavours
CHF 1,611 million
+3.5% in Swiss francs
+11.8% in local currencies



Sales Fragrances
CHF 1,104 million
-1.2% in Swiss francs
+5.0% in local currencies

Total sales
CHF 2,715 million
+1.5% in Swiss francs
+9.0% in local currencies

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Letter from the Chairman



In the year 2003 Givaudan continued on its path of steady and profitable growth and consolidated its position as the global leader of the Fragrance and Flavour Industry. This was to some extent due to acquisitions, but foremost to the continuing above-market organic growth of our business, underlined by a sales growth of 9.0% in local currencies for 2003, including the effect of the recent acquisitions.

The solid operating performance was affected by temporary effects impacting our gross margin, the most significant being the rapidly depreciating US Dollar. The sharp increase in the price of certain raw materials, such as Vanilla, along with the discontinuation of sunscreen filters production also reduced our gross profit margin in comparable terms from 47.4% to 46.1%. The operating costs remained well under control and slightly decreased as a percent of sales compared with 2002.

The pressure on our gross margin and the challenging macroeconomic environment led our management team to conduct a thorough analysis of the company's cost structure and to evaluate diligently options to improve our profit margins. A series of measures were initiated and appropriate provisions were made in the 2003 accounts, thus

affecting the operating profit by CHF 68 million. This one-time expense should lead, however, after successful execution of the announced programmes, to annual operating savings of around CHF 67 million. The details of these programmes and the most important factors are discussed in the letter from the CEO.

Mainly as a consequence of this one-time restructuring charge of CHF 68 million, our operating profit declined to CHF 340 million in 2003 and our net profit to CHF 216 million. However, the actions behind this charge will prove to be very beneficial in the near future.

Givaudan's underlying high cash earnings power remains a key feature in the annual results of 2003. This performance is not yet fully reflected in our net profit results due to IFRS rules, which still require goodwill from acquisitions to be amortized, even if the value of the acquired companies would have increased. These rules are likely to change, which would increase our net profit.

Givaudan's healthy financial position is also reflected in the balance sheet. With equity of 57% and liquid funds of over CHF 800 million, Givaudan has the potential to take advantage of

opportunities that live up to our expectations regarding profitability. Since its start as an independent listed company on 8 June 2000, until the end of 2003, Givaudan has created more value for its shareholders measured by stock market prices than any other SMI company or other comparable industry players. Givaudan's share price has increased by 26% during this period. This good performance achieved in a challenging macroeconomic environment was only possible thanks to the dedication, focus and passion of our professional team of managers and employees, to whom I would like to express my personal gratitude as well as the thanks of our Board of Directors and our shareholders.

After the successful completion of the first share buy-back programme by end March 2003, the Annual General Meeting on 11 April 2003, cancelled 725,627 shares, reducing the share capital by 8.3% from CHF 87,256,270 to CHF 80,000,000.

The share price level, the continued high generation of cash flow and the lack of major value-adding acquisitions motivated the Board's decision to launch a further share buy-back programme of 10% of Givaudan's share capital, which was started on 30 June 2003.

Until year end 2003, 45,000 shares were repurchased, representing 5.6% of the new programme, which will continue in 2004. Consequently, the Board of Directors will recommend to the next Annual General Meeting of Shareholders a reduction of the share capital by the number of shares repurchased until then and will propose a further increase of the dividend by 10%, resulting in a dividend per share of CHF 8.90. This is the fourth dividend increase in a row since Givaudan's spin-off as a public company in 2000.

In addition, the Board proposes an extraordinary dividend of CHF 6.50 per share, resulting in an additional pay-out to shareholders of approximately CHF 50 million, this dividend being triggered by the increase in the value of our equity portfolio of CHF 78 million in 2003. At last year's Annual General Meeting of Shareholders we argued that it would be wrong to dispose of equities under the then prevailing market conditions. In the subsequent market upturn, we liquidated part of our equity portfolio with the aim of distributing the resulting cash to our shareholders.

In line with good corporate governance, your Board has focused its activities in 2003 on the longer term planning of the succession at Board and senior management level. Four extraordinary Board meetings were dedicated to this important subject. Givaudan is proud to have a strong team of managers at all levels and a well-established executive development programme. In the framework of the succession planning, Michael Carlos, previously global head of the Fragrance Consumer Products unit, was appointed as the new head of the Fragrance Division, effective January 2004. Mr. Carlos has been with Givaudan for 20 years. During this time, he has built up an outstanding record of successful activities. He replaces Errol Stafford who retired from Givaudan after a long and successful career as a "dean of the industry". I would like to thank Mr. Stafford for his great contribution to Givaudan also on behalf of our shareholders and wish him well for the future.

Mr. Dietrich Fuhrmann, a member of our top management team and a long-standing industry specialist, will retire from the Executive Committee in March 2004. He will be nominated to join the Board of Directors in 2004, replacing Michel Bonjour whose term of office will expire. Michel Bonjour joined the

Board of Directors of Givaudan in 2002, bringing to the Board not only the perspective from the customer side, but also his long experience managing plants and markets, with a unique attention to operating costs. I would like to thank him for his valuable contribution and support and wish him all the best.

In order to facilitate succession planning, as well as the ongoing restructuring project, I have, contrary to my announced intentions, and following the unanimous request of all Board members, decided to stand for re-election at the Annual General Meeting 2004 with a view to stepping down from the Board in 2005.

Another focus of the Board in 2003 was Givaudan's position in the Asian growth markets. At its September meeting in Japan, the Board reviewed Givaudan's growth plans in Asia which are supported by a strong management team in the region and major investments in Japan, China and Singapore. Givaudan is well positioned to take advantage of the opportunities in this rapidly developing part of the world. Two of its Board members have been long-standing business leaders in Asia.

The Western economies experienced a difficult year in 2003. In a highly volatile market environment with a strongly

appreciating Swiss Franc and a consolidating industry, Givaudan set the basis to clearly improve its business performance in 2004. Our underlying business is very solid and we are confident that we will be able to further outgrow the underlying market while the new initiatives will improve our margins. We expect good overall results in 2004.

Dr Henri B. Meier
Chairman

Letter from the CEO



In 2003, Givaudan asserted its position as the global leader of the Fragrance and Flavour Industry. We operated in an environment of economic and political instability, where events such as the SARS crisis in Asia, declining consumer confidence, the weakening of the US Dollar and substantial price increases of several natural raw materials influenced the course of our business.

In these challenging times, Group sales grew by 9.0% in local currencies and 1.5% in Swiss Francs. Total fragrance sales grew by 5.0% in local currencies. Fine Fragrances and Fragrance Consumer Products combined grew double digit. In the Fragrance Ingredients unit, specialities continued to show good performance, while commodity ingredients were phased out. Flavours grew by 11.8% in local currencies (including the FIS and IBF acquisition); on a comparable basis, Flavour sales grew by 3.7%, after a very strong year in 2002. All regions showed good growth, except the Flavour business in North America, which had been exceptionally strong in the previous year.

We were able to further improve manufacturing efficiency through continuous modernisation of our production sites and the improvement of processes. Still, efficiency gains could not compensate all the elements which impacted our gross margin. Changes in product mix, adverse exchange rate development,

inherently lower margins in the Savoury business acquired with FIS, continued price pressure and strong price increases of some natural raw materials, had altogether a negative effect. As a consequence, Givaudan's gross margin decreased in comparable terms from 47.4% to 46.1%. This decline could not be fully compensated at operating profit level, even though operating costs were well controlled.

Since August 2003, we began a process of identifying initiatives for margin improvement in order to compensate for the margin erosion reflected in the half-year results. In the context of these initiatives, specific focus was given to improving Savoury margins to the level before acquisition of FIS. One key element of this effort was the completion of the transfer of our UK flavour production to other European sites.

Additionally, we conducted a detailed evaluation of all cost drivers. With our business managers, dozens of activity-based margin improvement programmes in all areas of our business around the world were identified. In certain cases, immediate action was taken, while others are still ongoing. As a consequence, there will be a reduction of 300 positions. These activities will result in annualised savings of CHF 67 million, of which CHF 47 million will favourably impact the 2004 results.

Notwithstanding our efforts to streamline our cost base, we continued to invest aggressively in our production, creation and application capabilities, laying the ground for future profitable growth.

In Asia, our fastest growing market, we are expanding our flavour production capacity in Fukuroi (Japan), in Singapore we completed the new technical creation centre and in Shanghai we started the project for a dedicated new flavour production site. A major expansion programme is under way at our Flavour site in Cincinnati (USA) to support our Savoury strategy.

In our Fragrance ingredients business unit, we have moved towards more proprietary speciality ingredients. This had a major impact on our chemical production activities in Switzerland. The production volumes of commodity chemicals were significantly reduced due to the elimination of products such as Lilial and sunscreen filters. During the phasing out of these products, the construction of a new multi-purpose plant in Vernier (Switzerland) was completed on time. This facility enables us to produce complex proprietary fragrance molecules to be included in our new fragrance compounds and sold in the market.

Providing innovative sensory solutions for the new product development needs of our customers remains the key

success factor for future profitable growth. Four patented new molecules were added in 2003 to our perfumers' palette and a range of new flavour ingredients broadened the scope of our flavourists' creation tools. Further progress was made in developing technologies for the targeted delivery of olfactive compounds. New innovative creation tools enable us to create new fragrance and flavour compounds in an interactive process with our customers, allowing as well real-time interaction between different creation centres around the world. On the occasion of the "Innovation Day" on 16 October 2003, at our Flavour Research Centre in Cincinnati, we presented highlights from our research portfolio to investors and analysts.

Errol Stafford, president of the Fragrance Division, retired at the end of the year. Under his leadership the Fine Fragrance business recovered to double-digit growth and Consumer Products consistently achieved above market growth. He was also the driver of our strategy to focus on innovative proprietary speciality ingredients. Michael Carlos, former head of the global Consumer Products business unit, has taken over the lead of the Fragrance Division. I welcome Michael as an experienced member of our leadership team and thank Errol Stafford for his great contribution to the success of Givaudan, his teamwork and his

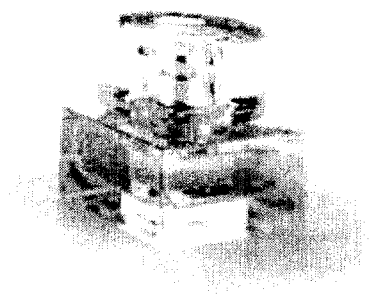
personal friendship. I look forward to his continued advice drawing on his long-standing industry experience.

My personal thanks go to all employees around the world for their dedication and enthusiasm in a difficult market environment. I am convinced that the quality, passion and discipline of our workforce remain the most important drivers of success in our industry.

The consolidation process at customer level will continue. Additionally, regulatory requirements are becoming more demanding. Givaudan will meet these challenges with comprehensive solutions in the area of new product development, an efficient global supply chain and strong regulatory expertise. We also intend to actively shape the consolidation process within our industry, if we see opportunities for value-adding acquisitions. The main driver for value creation will still be profitable organic growth based on our unique sensory expertise and market knowledge. I am confident that our strong global market position and the newly initiated measures for efficiency enhancement will contribute to further improve our performance in 2004.

Dr Juerg Witmer
Chief Executive Officer

Fragrance Division

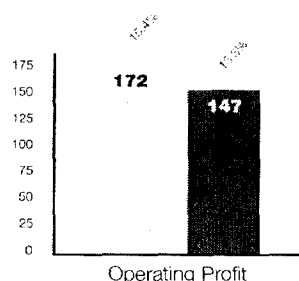
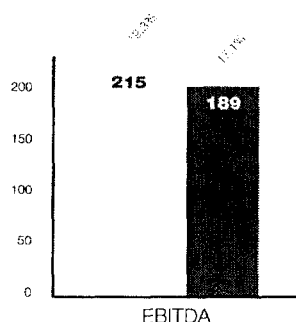
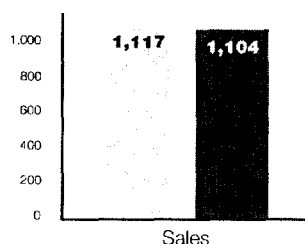


When hiking in the Swiss mountains at altitudes of 1,000 to 1,600m, one may be lucky to come across a very special rose species that can only be found in warm sheltered nooks. This slender, little branched species bearing bright crimson-red flowers and emitting one of the tenderest rose scents is *Rosa pendulina*, also known as *Rosa alpina*. Its scent lies between those of the centifolia rose and linden blossom and, together with the distinctive resinous odour of the leaves, forms a beautiful natural fragrance. The reconstitution of the scent of *Rosa pendulina* has been a great source of inspiration for the creation of several appealing perfumes.

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Fragrance Division

Year 2002
 Year 2003
 in millions of Swiss francs
 and in per cent. of sales



EBITDA: Earnings Before Interest (and other financial income), Tax, Depreciation and Amortisation. This corresponds to operating profit before depreciation and amortisation.

In 2003, the Fragrance Division recorded sales of CHF 1,104 million, representing a growth of 5.0% in local currencies and a decline of 1.2% in Swiss Francs, a result clearly above market growth. The local currency increase was led by a strong double-digit growth in Fine Fragrances and a high single-digit growth in Consumer Products. Sales of the Fragrance Ingredients business continued to decline, due to the phasing out of the production of sunscreen filters and the reduction of commodity ingredients in our product portfolio. These changes are in line with our strategy to move the ingredients business to higher value-adding specialities. The strong growth of the Fragrance Division's sales has been achieved in an environment of increased price pressure and market consolidation.

The operating profit, excluding the restructuring charges of CHF 14 million for the margin improvement programmes, was CHF 161 million. This represents an operating margin of 14.6%. The reduction of 0.8 percentage points compared with 2002 is driven by a lower gross margin, whereas all other expenses have been kept below or in line with the sales growth. The decrease in gross margin is largely driven by exchange rates and the restructuring of the aroma chemicals portfolio.

Major capital investments in 2003 included further expansion of production and marketing capabilities in China and Singapore, together with an important investment in a new multi-purpose plant for aroma chemical specialities in Vernier (Switzerland). This facility was inaugurated on 9 November 2003. The continued strong growth of the Consumer Products business unit led us to initiate an expansion project for our compounding capacities in Vernier. This capacity increase will allow Givaudan to continue to be an industry benchmark in terms of lead-time demonstrating our commitment to customers.

Fine Fragrances

Sales of Fine Fragrances showed a strong double-digit increase in local currencies, despite accelerated erosion of existing business and a market which declined by 2% to 3%. The number of launches has again increased, more than compensating the eroding turnover of existing products. Market contraction, combined with margin pressure from retailers, has continued to force consolidation amongst customers. Alternative distribution models, like speciality retail, have again shown a further increase and market share gains.

Givaudan's growth in Fine Fragrances is essentially driven by sales in Europe and North America which represent 90% of the Fine Fragrance's world-wide turnover. Approximately, one quarter of the yearly sales are generated by new launches, clearly reflecting the success of our investments in enhanced customer intimacy, driven partly by the opening of our creation centres in New York and Paris. It is also the consequence of focusing resources and building on Givaudan's strong fine fragrance heritage. Several new fine fragrances created by Givaudan perfumers have been launched in 2003. Among these were:

Women's Fragrances

- *"Attraction"*
by Lancôme / L'Oréal
- *"Ralph Lauren Blue"*
by Ralph Lauren / L'Oréal
- *"Boss Intense"*
by Hugo Boss / Procter & Gamble
- *"Brit"*
by Burberry / Interparfums
- *"Gucci Eau de Parfum II"*
by Gucci / Wella
- *"Cindy Crawford"*
by Wella
- *"Rive Gauche"*
by Yves Saint Laurent
- *"Curve Crush"*
by Liz Claiborne
- *"Paradise for Women"*
by Alfred Sung
- *"Celebre Ice"*
by Avon
- *"Vanilla Trio"*
by Mac Cosmetics / Estée Lauder
- *"Garden Blue"*
by Mark / Avon

Men's Fragrances

- *"Higher Energy"*
by Dior / LVMH
- *"Paradise for Men"*
by Alfred Sung

An important number of new launches in the specialty retail segment, complement the impressive list of newly launched fine fragrances, created by Givaudan perfumers.

During the FiFi Awards celebrations in Europe and North America, perfumes created by Givaudan were again amongst the winners. "Eau de Parfum" from Gucci was awarded with the "FiFi" Europe and the "FiFi" France for the best Women's Fragrance. "Marc Jacobs for Men" was awarded with the "FiFi" USA for the best Men's Fragrance.

Since the opening of the new creation centres, Givaudan's reputation and credibility has gained strong momentum. The first quarter 2004 will see a number of new launches of important perfumes created by Givaudan. However the underlying market will remain sluggish due to the uncertain economic environment.

Consumer Products

For the third consecutive year, Consumer Products outgrew the market and gained market share. Sales in local currencies increased in high single digits, following a double-digit growth in 2002. These results were achieved despite a low market growth, resulting from continued price pressure and the strong competition. Givaudan's focus on key customers and their major brands enabled the company to maintain its high win rate over the last few years.

Sales and win rate in fabric care and personal wash, Givaudan's largest segment, continued to be strong. Additionally, this year has seen a very good growth in both personal care and household, with important new wins. Consistent with the past two years, all regions showed good growth, including the mature markets of Europe and North America. The household category was especially strong in North America, while the European growth was propelled by the strong performance in fabric and personal care. The recent investments in the African and Middle East region have shown positive results. Latin America grew strongly, driven by double-digit growth in Mexico and Argentina. Givaudan's market share in Asia Pacific again increased, with another good year of solid growth in China. Positive results

were also achieved in Thailand, the Philippines, Vietnam and India.

The personal care segment showed good growth in both Latin America and Asia Pacific.

Over the last few years, the Consumer Products unit has focussed on providing superior, value-added fragrances to our customers. Givaudan has continued to invest in market and consumer understanding as well as in fragrance technology to provide a competitive edge to its customers. A special focus was given to our global network of regional creative centres, which allowed us to tailor new fragrance creations to specific local consumer preferences and usage habits.

Fragrance Ingredients

Sales of patented aroma chemicals and specialties have shown solid double-digit growth in 2003. Despite fierce competition, the specialty sales continued to be strong as Givaudan re-balanced its portfolio. At the end of 2002, Givaudan discontinued the production of Lilial and other commodities, with a sales value of CHF 20 million. In the past year, the production and sales of sunscreen filters to Roche was phased out with a turnover of still CHF 46 million compared to CHF 60 million in 2002.

Fragrance bases (basic compounds), which are used as building blocks for fragrance creations, showed a favourable sales development and are becoming an important part of the Fragrance Ingredients portfolio. Two new fragrance bases were added to the portfolio of ingredients sales: Rose and Black Agar, a woody note.

The investment in the production of proprietary specialties through the construction of a new multi-purpose plant in Vernier has been completed. This facility provides a competitive edge in the production of Fragrance Ingredients, which are used both internally by Givaudan perfumers and sold to third parties.

The Argenteuil, Sant Celoni and Vernier sites recently received the new ISO 9001:2000 certification, which is valid for the next three years. At the same time, the ISO 14001 environmental certificate was granted to Sant Celoni and Vernier for another three years after a successful audit of all environmental management procedures.



Flavour Division

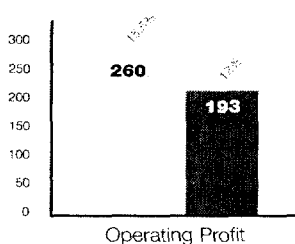
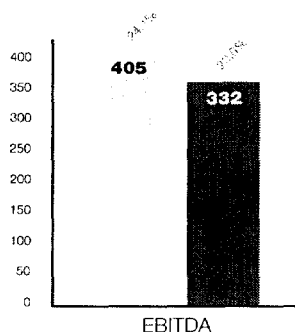
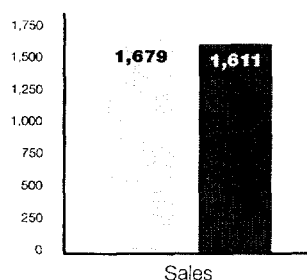
Alpine dairy farming, as it is known today, has a very old tradition in Europe and experienced a first peak in the 15th century. Already at that time, members of the aristocracy and monasteries prized the sweet flavoursome milk, butter and cheese from the animals that grazed on the alpine pastures. With today's modern analytical methods it has become possible to prove that the great variety of aromatic grasses and herbs that make up the animals' diet contribute to the flavour of the milk and the cheese made from it. Furthermore, it is known that such milk and cheese is richer in unsaturated fatty acids known to be beneficial to health. In Switzerland, there is a very special alpine cheese local to the region around Glarus, which is flavoured with the herb *Trigonella caerulea*. This so-called "blue fenugreek" not only gives a unique flavour to Schabziger, as it is called, but also a pale green colour to this cheese.

Cheese flavours rank amongst the most popular tastes for snacks. In order to be at the forefront in natural cheese flavours, Givaudan acquired in early 2003 International Bioflavors, an expert in this field.

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Flavour Division

Year 2002 (pro forma)
 Year 2003
 in millions of Swiss francs
 and in per cent. of sales



On 2 May 2002, Givaudan SA acquired 100% control of the flavour activities of Nestlé, Vevey-Switzerland, operating under the umbrella of Food Ingredients Specialities (FIS). The income statement related figures shown in the table above are derived from the unaudited Pro forma Consolidated Income Statement as if the acquisition had occurred on 1 January 2002.

EBITDA: Earnings Before Interest (and other financial income), Tax, Depreciation and Amortisation. This corresponds to operating profit before depreciation and amortisation.

In 2003, the Flavour Division recorded sales of CHF 1,611 million, representing a growth of 11.8% in local currencies and 3.5% in Swiss Francs. In comparable terms, sales grew by 3.7% in local currencies and declined by 4.0% in Swiss Francs.

All regions and the major business segments – Beverages, Savoury, Confectionary and Dairy – contributed to this growth. Latin America grew at a double-digit rate whilst Europe, Africa and Middle East grew in the high single digits, followed by Asia Pacific and North America. A favourable development of existing business combined with major project launches in all segments, as well as new business in the food service sector, have contributed to this success.

On a comparable basis, excluding the restructuring charges of CHF 54 million for the margin improvement programmes, the operating profit of CHF 247 million decreased by 0.2 percentage points versus the previous year pro-forma to a level of 15.3%. The improvements in manufacturing efficiency have contributed positively, whereas exchange rates, the product mix and somewhat lower than average Savoury margins impacted the result unfavourably.

In 2003, Givaudan continued to focus on the optimisation of its global manufacturing set-up. The Singapore expansion project was completed and the production of Milton Keynes (UK) was transferred to other European manufacturing sites, resulting in an efficiency improvement of the overall supply chain. Projects to expand the Fukuroi (Japan) plant and to build a new flavour creation, application and production facility in Shanghai (China) are under way.

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Asia Pacific

Asia Pacific posted solid above market growth in local currency terms. All key markets and major business segments reported good performance, overcoming difficult conditions due to the SARS crisis, which impacted particularly the second quarter of the year. The sales gains were balanced between existing business and new wins with international and national key accounts throughout the region. The good growth of the existing business was complemented with further strong gains in food service and with innovative flavour wins resulting from Givaudan's programme of leadership in authentic ethnic taste.

China, Japan and India were again the main growth drivers of the region. Japan, the largest market, grew in the high single digits as a direct result of wins in the Beverage segment, which showed a double-digit increase. China again contributed double-digit growth for the year. The Savoury and Confectionery segments also reported healthy growth for the year. In August 2003, Shanghai Givaudan Ltd became a wholly-owned entity of Givaudan SA. Shanghai Givaudan had started as a joint venture in November 1995 between Givaudan SA and a Chinese partner company.

In order to meet the increasing demand in the region, Givaudan completed the

expansion of its creation, application and production facilities in Singapore. The new creation and application capabilities will allow the Singapore centre to meet the increasing need to provide customers with exciting new flavours as well as the industrial expertise for application in food and beverages. In Japan, the project to expand the Fukuroi facilities is under-way. This expansion will increase manufacturing and warehouse capacity allowing a more efficient manufacturing process. The preparatory activities to set up a new flavour compounding plant and a regional creation and application centre in Shanghai are in progress. These projects will enable Givaudan to maintain and further expand its leading position in Asia Pacific, globally the fastest growing flavour market.

Europe, Africa, Middle East

Flavour sales in Europe, Africa and the Middle East (EAME) outperformed the market for the third consecutive year, enhancing our market leadership position. All major segments contributed to this positive result with the Beverage segment growing at a double-digit rate. Sales in the UK, Iberia and Eastern Europe significantly outperformed local market growth while France, Benelux, Italy and Germany reported solid sales. A strong win rate in all segments, increased revenue growth from food

service and a more focused approach to our regional and global accounts contributed to the favourable results.

In 2003, dedicated application facilities for Eastern Europe were completed in Vienna and a sales office was opened in the Ukraine. The strengthening of Givaudan's presence in the fast-growing markets of Eastern Europe and the Middle East further enhances the ability to provide optimal service to customers, ensuring that the company will continue this positive sales growth.

The acquisition of the former Nestlé Culinary Research Centre in Kemptthal (Switzerland) will allow Givaudan to further streamline the product development and marketing activities for the culinary segment in the EAME region. Givaudan also expanded its capacity for granulated products in order to meet the increasing demand for this innovative technology. The transfer of the production from Milton Keynes (UK) to other European sites was successfully completed, allowing a significant improvement in operational efficiency.

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North America

Full year sales in North America grew slightly versus last year as a result of an improved second half performance. Cool weather conditions in the summer period had impacted sales in the first half year. During the second half, growth recovered versus prior year driven partly by an increase in the Beverage segment during the fourth quarter. Givaudan's investments in food service had a positive impact. The Confectionary segment has seen consistent sales growth throughout the year.

International Bioflavors (IBF), a company that specialises in cheese, butter and cream flavour technology, acquired in early 2003, was fully integrated into the North American business and into the Flavour Research activities. IBF products delivered strong year over year growth and enhanced Givaudan's portfolio in this segment. A programme was initiated to leverage these products and technologies across the other regions. Capital investments for state-of-the-art process control were made in the citrus manufacturing operation in Lakeland, Florida. This site manufactures specialty citrus ingredients for direct sale to global customers and for internal use by our flavourists. A significant investment is under-way for a new Savoury product development centre in Cincinnati. The centre will house process flavourists,

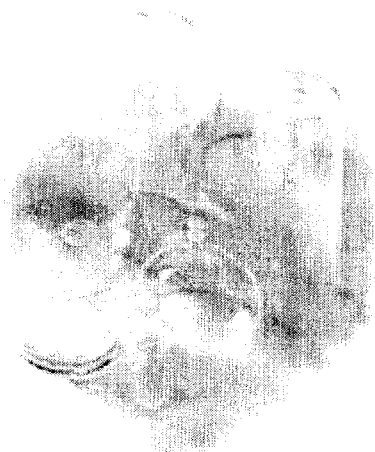
savoury food scientists, chefs and savoury commercial staff.

Latin America

Latin America recorded double-digit gains in local currencies compared with last year. All major markets grew as the overall economic climate improved during the year. Double-digit gains came from Mexico, Argentina and Colombia. The growth in Latin America was the result of solid gains in all major segments. Successful new wins and a continued focus on key customers provided the leverage enabling us to take advantage of improved economic conditions within the region. Expanded technical capabilities and strategic investments in Savoury, food service and mint delivered important wins during the year and represent attractive growth avenues for Givaudan in the region. New TasteTrek™ activities undertaken in Latin America delivered innovative fruit flavours and culinary concepts that were well received by customers.

Following the FIS-acquisition, important investments were made to support Savoury manufacturing in Brazil. The expansion of the creation and application laboratories in Mexico will provide additional capabilities and resources for this market. Continued focus on operations and supply chain efficiencies enabled

Givaudan to strengthen its regional competitive position. Despite the volatile economic environments, the Latin American market remains an important region for the future of Givaudan as a global leader in the flavour industry.



Research and Development

Nature has always set the standards for our olfactory judgements and, therefore, it was and still is only logical to search in its realm for new molecules and new scent concepts and to use them as leads. Over the past 20 years, the Headspace Trapping Technique has proven to be of fundamental importance in this field of research. In the past 10 years, Givaudan has specially adapted this technology for use in field experiments under extreme conditions, as they exist for example at high altitudes. By applying these methods, Givaudan has examined the scents of nearly two thousand

flowers, leaves, fruits, woods, herbs or even roots from all over the world. Around 400 close-to-nature reconstitutions of these scents are now available to Givaudan's perfumers for use in all types of fine fragrances and consumer goods. Since the method of "capturing" the scent is non-destructive it can even be applied to highly endangered plant species and, in fact, one of Givaudan's projects focuses on "The Scents of the Vanishing Flora".

The picture on the left shows how the scent of the Alpine forget-me-not, *Eritrichum nanum*,

was "captured" at the top of Piz Nair (3150m, Engadin Valley), the scented plant species growing at the most extreme altitude in Europe. If you are lucky enough to find this holy grail plant, it might remind you, at first glance, of the common forget-me-not, but the flowers have much shorter stems, are arranged in tight cushions and are of true sky-blue colour hardly found elsewhere. Furthermore, they emit in the afternoon, after the sun has melted away the ice often covering the flowers, a warm and rich aromatic floral scent which is now also available to our creative perfumers.



Research and Development

In 2003, Givaudan continued its substantial investment in innovation reflected in a research and product development expenses ratio to sales of 8.0%. The R&D centres in Cincinnati and Dübendorf continued to closely cooperate on certain themes of fundamental research, while focusing on the specific needs of both divisions. In October 2003, Givaudan showcased its extensive array of research and application technology capabilities to investors and analysts at the Cincinnati research centre. As a highlight Givaudan demonstrated its creative real-time network which is unique in the fragrance and flavour industry. With this novel tool Givaudan can now hold olfactive video conferences. During these conferences perfumers and flavourists remotely log into a conference room via Internet technology. They are then able to directly blend various fragrances or flavours utilising Givaudan's proprietary VAS technology and have the smells or the flavour appreciated and evaluated in real-time by the customer in the conference room.

Fragrances

Fragrance Research sustained its momentum with a full development pipe-line of molecules, delivery systems, creation tools complemented by significant advances in sensory understanding. An impressive number of 27 patent applications were filed, covering a wide range of products and technologies. As a highlight of its activities in the past year, four new patented molecules were added to the captive perfumers' palette: Pharaone, a highly diffusive top spicy green note; Floridile, a fruity, warm peachy character note; Belambre, a new transitional woody-ambary high-impact scent and Toscanol, a powerful and linear sweet-spicy note. The introduction of these molecules is consistent with Givaudan's strategy to re-balance its ingredients portfolio from commodities to patented specialties. The selection of a new captive molecule is a challenging task. Besides the primary odour, the interaction and behaviour with other ingredients and with carrier bases, such as washing powder, is important.

The chemical synthesis and process research group continued to improve the synthesis of key ingredients in order to identify more cost-effective manufacturing solutions. The use of novel catalysts allowed Givaudan to manufacture ingredients at lower costs and in an environmentally friendly manner.

An exciting project was launched in the area of malodour counteraction. Sulphuric or amine malodour compounds smell badly even in lowest concentrations. Examples of these compounds are cold cigarette smoke and human body odours. First promising results of a new enzyme inhibitor technology are further investigated to counteract malodours and tackle the body odour problem in a new way by preventing the formation of these compounds.

New technologies remain a key requirement for success in the fragrance market. Customers are mainly interested in solutions which enhance the substantivity of perfumes. Givaudan has developed various delivery systems that allow a controlled release of the fragrance over time resulting in a prolongation of the effect. As the various applications are quite different, delivery systems must be specifically designed for the various applications, such as skin, hair and laundry. It is important for market introduction to demonstrate that the end consumer perceives a substantial difference compared with existing products. Several new delivery systems were evaluated in consumer tests and showed promising results.

In the past year, new ScentTrek™ expeditions were carried out in South Africa and India. The main target of the

expedition to South Africa was to explore and analyse the native gladiolas of this region, which are part of the vanishing flora. From South India, Givaudan's researchers came back with more than thirty fascinating new odours focusing on spiritual themes. The most promising ones are already under assessment by Givaudan's perfumers. The highlights among these spiritual and cultural scents were tapped from the Blue Lotus of India, the sacred Ashok flower and the Henna flower. During these explorations for new scents, some interesting new concepts were discovered which demonstrate that nature and cultural trends still provide a wealth of inspiration for perfumery.

Besides the creative and stimulating aspects of the floral scents captured and described, the various analytical investigations help us to acquire an in-depth understanding of the floral biology and the taxonomy of the respective and sometimes endangered species. In recognition of this work, a recently discovered rare orchid native to Costa Rica and Panama was named *Coryanthes kaiseriana*, after one of our scientists.

The research programme on "Olfaction" has provided new insights into how the sense of smell works at the molecular level. For the first time, it was shown that a single type of odorant receptor

protein recognises different sandalwood scent molecules. These data will support molecular modelling studies where the structures of novel odorants are designed and predicted. The increasing understanding of the interaction of odorants with receptor proteins, and the molecular events taking place during the perception of scents, will allow Givaudan to extend and further rationalise the successful use of fragrance ingredients.

In 2003, the Swiss National Museum, with the contribution of Givaudan scientists, took a look at the cultural history surrounding the sensory phenomena that make up the European alpine landscape.

The resulting exhibition "Alpine Scents" was probably the first of its kind having scents as its theme. The present Annual Report makes reference to the unique alpine scents, highlighting the water-melon snow fragrance on its bookmark.

Flavours

Flavour Research continued to address the challenge to create sensory advantage through science and technology innovation. Significant progress was made in the domains of taste modification, novel ingredients, flavour delivery, SMART Systems and consumer-based sensory knowledge.

Creation of innovative flavour solutions is an integrated process which demands expertise in a number of fields. It all starts with a clear understanding of what drives consumer preference.

Flavour expectations vary from country to country and between ethnic groups. The Sensory Science effort focused on examination of the connection between consumer preferences, recognizable cultural differences, and the flavouring components which are responsible for these preferences. This analytical and sensory profiling knowledge is utilised by the flavourists to support the development process.

Rapid design of flavours to meet customer requirements is essential. The development of SMART Systems facilitate this process and enable flavourists to communicate effectively with the customers' product development teams. The Virtual Aroma Synthesiser (VAS) technology has reached a new level of sophistication with the introduction

of a miniaturised version enabling a unique, highly interactive approach to flavour development to occur at customer sites. This gives Givaudan the ability to involve flavourists, from around the world in specific flavour development projects. Using precision instrumentation, the flavourists, along with the customer's development team at different sites, can collectively contribute to the creation process, making adjustments instantaneously. Additionally, the coupling of sensory measurement tools with flavour performance data creates a powerful support system for flavour creation, resulting in improved ability to create the right flavour for our customer.

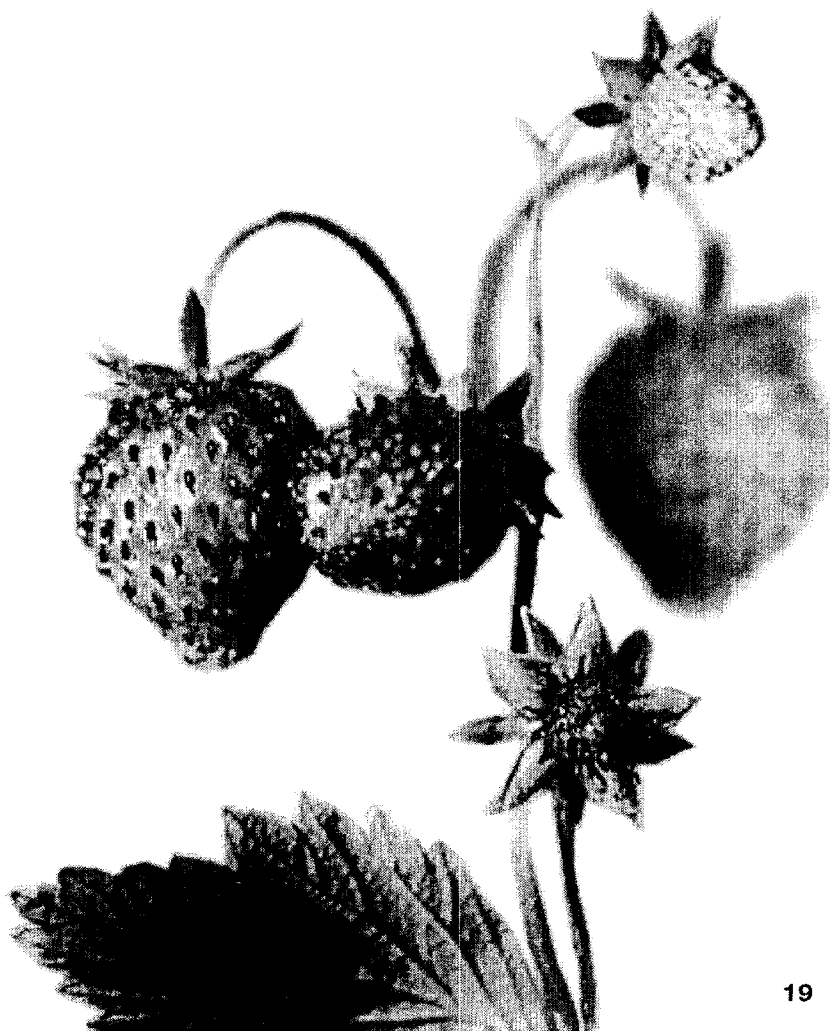
The development of proprietary ingredients remains a cornerstone in flavour R&D. For ultimate creation flexibility and technical insulation, it is important to have the ability to provide innovative new ingredients. The ability to effectively modify taste attributes has become a key differentiator in the flavour development process. Givaudan has begun to exploit recent advances in genomics to complement its strong position in synthesis and biotransformation for the discovery of novel ingredients. The programme is expected to deliver new knowledge, unique ingredients and sensory tools which will alter the manner in which flavours are

developed. Among the first successful applications of this research is the identification of several unique high-intensity cooling agents. These are compelling additions to the new line of Evercool™ compositions which provide a means to deliver a cooling sensation without utilization of menthol or mint oils.

Emphasis has been placed on the development of cost-effective flavour extracts combined with creation techniques that enable rapid customisation of flavour compounds. In the area of novel ingredients, a number of process flavour compositions were investigated for use as building blocks in vegetarian food products, addressing the increased focus on health and wellness. Furthermore, the natural products-based discovery process has led to identification of several natural high-impact components which were introduced to develop superior meat top notes. A programme for the development of the next generation biohydrolysates for culinary and dairy applications is under-way. A major vanilla technology development programme was launched in view of the current market shortage. Novel vanilla building blocks were designed in order to give the flavour development teams better tools to create high-quality natural extracts that customers demand.

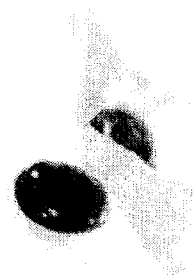
Flavour protection and flavour release at the precise moment are essential functionalities for a high-performance flavour composition. Enhancements to existing core technologies and several highly focused projects have delivered advanced low-cost delivery capabilities. Consumer health trend concerns have led us to develop gelatine-free encapsulation systems that mimic our successful Flavourburst® technology in addressing these global needs.

Givaudan continued to capitalise on its TasteTrek™ expeditions to address the growing market interest in more complex, authentic flavours. In a recent Latin American TasteTrek™, the volatile components in a series of chili types unique to Mexico were investigated. Data from this collection is being utilised to create some unique and authentic chili flavours for seasoning and snack applications. A series of flavours for authentic Asian sauces were created and newly commercialised based on results from the Asian TasteTrek™.



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Corporate Functions



From the bottom of the valleys to the highest mountain slopes, the Alps are rich in herbs used in popular medicine, such as teas, infusions or even herbal sweets and candies. A typical species is *Tussilago farfara* (coltsfoot) shown on the opposite photograph. Further examples are *Arnica montana* (arnica), *Artemisia absinthum* (wormwood), *Tilia cordata* (linden flower), *Thymus serpyllum* (wild thyme) and *Sambucus niger* (black elder).

Corporate Functions

Human Resources

In January 2003, Givaudan was challenged with successfully integrating 250 new employees joining from International Bioflavors and from the acquired Nestlé Kempththal (Switzerland) manufacturing facility. To facilitate this, systematic processes were established for the retention, reallocation and outsourcing of personnel. These challenges were successfully met with minimal disruption to the organisation.

The continued difficult global economic climate required Givaudan to evaluate its infrastructure and resource requirements to ensure sustained growth and profitability. As part of this evaluation, several initiatives were launched in all areas of the business with the objective of improving margins. The reduction of 160 positions world-wide by year end enabled the company to rebalance staffing levels in order to focus on growth opportunities.

Concurrently, Givaudan reinforced its performance-driven culture and strengthened its position as an employer of choice. The Individual Development Process, as part of Givaudan's Talent Management Programme, continued to enable managers and professionals world-wide to acquire new competencies necessary for future growth. Additionally, the Talent Planning Process continued to systematically identify high potential candidates for key functional and cross-divisional roles. Givaudan maintained its commitment to ensuring that these candidates receive targeted developmental assignments to enable them to assume greater responsibility.

Through co-operation with the Institute of Management Development (IMD) in Switzerland, a new Executive Development Programme was launched in March 2003. Twenty-four high-potential managers from around the world participated in this programme focusing on

the development and execution of global business strategies. Regional training initiatives were implemented to support business strategies and address needs identified through the Individual Development Process.

To ensure that Givaudan's "pay for performance" philosophy remains aligned with the evolving business priorities, a comprehensive review was initiated, resulting in a redesign of the annual incentive plan for implementation in 2004. This re-design harmonises variable incentive plans world-wide. It will also enable managers to target activities that drive company performance and recognise individual contribution.

To maintain Givaudan's commitment to meet the pension benefit needs of its employees in the current environment, overall pension strategies were evaluated for design modifications in 2004.

Headcount Development by Region

Region	Number of employees 31.12.2002	%	Number of employees 31.12.2003	%	Change from 2002 to 2003
Switzerland	1,225	21.0	1,403	23.5	178
Other Europe, Africa, Middle East	1,370	23.4	1,315	22.0	(55)
North America	1,652	28.3	1,650	27.6	(2)
Latin America	553	9.5	559	9.3	6
Asia Pacific	1,044	17.8	1,054	17.6	10
Total	5,844	100.0	5,981	100.0	137

These modifications will continue to provide competitive benefit levels, meeting the needs of its employees while managing the current cost challenges.

Givaudan received in 2003 for the Vernier (Switzerland) and Sao Paulo (Brazil) sites the SA 8000 certification on social responsibility awarded by Social Accountability International (SAI). Additional audits are under-way in China, Singapore, France and the USA. This reaffirms Givaudan's commitment as a socially responsible employer.

Safety and Environmental Protection

Givaudan looks back on another successful year in the area of safety, occupational hygiene and environmental protection. No major safety and environment-specific capital expenditures were necessary in 2003. Smaller investments were made to upgrade existing equipment in order to enhance efficiency. To increase environmental protection, further improvements were made at odour control units and waste water treatment plants.

Givaudan ensures its standards in safety and environmental protection through internal and external audits. Specific safety audits were conducted by an insurance company during the normal course of Givaudan's corporate safety audits. These audits took place in the seven most important sites in Europe

and USA. The results of these audits underline the high level of safety Givaudan has achieved to minimise the risks of property damage and business interruptions. The result of the audits allowed Givaudan to keep the insurance premiums stable for the year to come.

No incidents of major importance has occurred during last year. This is attributed to Givaudan's continued efforts in the area of prevention. Safer operating environments are achieved through the increased use of risk analysis for the most hazardous processes and installations. The number of occupational accidents has been further reduced. However, despite high safety standards and the determination to make human safety a top priority, one employee fell from a tank wagon leading to severe injury. Continued emphasis is placed on systematic identification of hazardous situations to guarantee safe workplaces for all Givaudan employees worldwide.

Through programmes in the field of occupational hygiene and employee health surveillance, which include workplace risk assessments, safe working conditions continued to be provided to all employees. As a result, no occupational illness or health deteriorations occurred in 2003, at a time when our operations in Asia Pacific were threatened by the SARS epidemic.

In the area of environmental protection, Givaudan lowered its odour emissions as a result of the investments made in Cincinnati, Barneveld and Dübendorf in 2002. The odour complaints from the neighbourhoods of the sites remain very low, despite a general increase of activities. Solvent emissions are continuously decreasing. The use of chlorinated solvent, for which a full replacement is under study, has been drastically reduced. Emissions into the water were in all sites compliant with the regulations in place.

As announced, in last year's annual report, an in-depth evaluation on energy consumption was conducted in 2003, since energy is a major cost factor of Givaudan's operations. The evaluation showed that the modernisation of all boilers with up-to-date technologies proved beneficial and helped to identify further areas of improvement.

Givaudan is convinced that high standards in terms of safety, hygiene and environmental protection can be maintained only with discipline and a sense of responsibility by each employee. To further foster such behaviour, Givaudan has conducted an important training programme for all its S&E specialists around the world, who have the challenging task of maintaining and further improving the company's S&E standards.

Corporate Governance

Group structure and shareholders

Group structure

Givaudan SA, 5 chemin de la Parfumerie, 1214 Vernier, Switzerland, the parent company of the Givaudan group, is listed on the SWX Swiss Exchange, under security number 1064593. The company does not have any subsidiaries that are publicly listed companies. On 31 December 2003, the market capitalisation of the company was CHF 5.1 billion.

The operational structure of the group is described in notes 1 and 5 to the consolidated financial statements. The list of principal consolidated companies is presented in note 25 to the consolidated financial statements.

Significant shareholders

On 31 December 2003, Nestlé SA was, with 10.78% of Givaudan shares, the only shareholder registered with voting rights holding more than 5% of the total share capital.

On 31 December 2002, Nestlé held 9.89% of Givaudan shares. The increase results from Givaudan SA's capital reduction based on the decision of the Annual General Meeting on 11 April 2003.

According to the information available to the Board of Directors, another shareholder, Harris Associates LP, held unregistered shares of more than 5% on 31 December 2003.

For further information, please consult the SWX website www.swx.com – [issuers] – [listed companies] – [Givaudan] – [major shareholders]

Structure of share capital

Amount of share capital

On 31 December 2003, Givaudan SA's capital amounted to CHF 80,000,000, divided into 8,000,000 registered shares of CHF 10 par value, fully paid in.

Conditional share capital

Givaudan SA's share capital can be increased

- by issuing up to 100,000 shares through the exercise of option rights granted to employees and directors of the Group;
- by issuing up to 900,000 shares through the exercise of option or conversion rights granted in connection with bond issues of Givaudan SA or a Group company. The Board of Directors is authorised to exclude the shareholders' preferential right to subscribe to such bonds if the purpose is to finance acquisitions or to issue convertible bonds or warrants on the international capital market. In that case, the bonds or warrants must be offered to the public at market conditions, the deadline for exercising option rights must be not less than six years and the deadline for exercising conversion rights must be not less than fifteen years from the issue of the bond or warrants and the exercise or conversion price for the new shares must be at a level corresponding at least to the market conditions at the time of issue.

The preferential right of the shareholders to subscribe shares is excluded. The acquisition of shares through the exercise of option or conversion rights and the transfer of such shares are subject to restrictions as described below.

Authorised Share Capital

On 31 December 2003, Givaudan SA did not have any authorised share capital.

Changes in equity

The information regarding the year 2001 is available in note 4 to the statutory financial statements of the 2002 annual report. Details about the changes in equity for the years 2002 and 2003 are given in note 4 to the statutory financial statements on page 82 hereafter.

Shares

The company has only one class of shares. Subject to the limitations described below, they have the same rights in all respects. Every share gives the right to one vote.

Limitations on transferability and nominee registrations

Registration with voting rights in Givaudan SA's share register is conditional on shareholders declaring that they have acquired the shares in their own name and for their own account. The Board of Directors may in a regulation or through agreements with financial institutions authorise registrations on a fiduciary basis.

Moreover, no shareholder will be registered as shareholder with voting rights for more than 10% of the share capital of Givaudan SA as entered in the register of commerce. This restriction also applies in the case of shares acquired by entities which are bound by voting power, common management or otherwise or which act in a co-ordinated manner to circumvent the 10% rule. It does not apply in the case of undertakings or acquisitions through succession, division of an estate or marital property law.

The limitations on transferability and nominee registrations may be changed by a positive vote of the absolute majority of the share votes represented at a shareholders meeting.

Exchangeable bond and warrants/options

See note 18 to the consolidated financial statements.

Board of Directors

The Board of Directors is responsible for the ultimate supervision and control of the management of the company, including the establishment of general strategies and guidelines, as well as matters which by law are under its responsibility. All other areas of the management are fully delegated to the Chief Executive Officer and the Executive Committee.

Members of the Board

Dr Dr hc Henri B. Meier

Chairman

Businessman, Swiss national, born 1936

Non-executive

First elected in 2000

Current term of office expires in 2004

Member of the Board of Roche Holding AG,
Züblin Immobilien Holding AG,
HBM BioVentures AG,
Grand Hotel Victoria-Jungfrau AG,
Eufra Holding AG,
Privatbank IHAG Zürich AG,
Several start-up companies and two foundations

Dr Andres F. Leuenberger

Vice-Chairman

Businessman, Swiss national, born 1938

Non-executive

First elected in 1994

Current term of office expires in 2005

Member of the Board of Roche Holding AG,
Metallwaren-Holding AG,
MCH Swiss Exhibition Ltd,
Vice-President of the American Swiss Foundation

Michel Bonjour*Director*

Businessman, Swiss national, born 1935
 Non-executive
 First elected in 2002
 Current term of office expires in 2004

Member of the Board of Nestlé Suisse SA

André Hoffmann*Director*

Businessman, Swiss national, born 1958
 Non-executive
 First elected in 2000
 Current term of office expires in 2006

Member of the Board of Roche Holding AG,
 Green & Black's Chocolate Ltd,
 Glyndebourne Productions Ltd,
 Brunswick Capital Ltd,
 Chairman of Nemadi Advisors Ltd and
 Living Planet Fund Management Co.,
 Executive Committee member of the
 World Wide Fund for Nature

Prof. Dr John Marthinsen*Director*

Professor, US national, born 1949
 Non-executive
 First elected in 2000
 Current term of office expires in 2006

The Distinguished Chair in Swiss Economics
 at Babson College,
 Member of the Glavin Center for Global Management

Prof. Dr Dr hc Henner Schierenbeck*Director*

Professor, German national, born 1946
 Non-executive
 First elected in 2000
 Current term of office expires in 2005

Scientific adviser for the "Zentrum für Ertragsorientiertes
 Bankmanagement" (Münster/Westfalen),
 Member of the Council of the
 European Centre for Financial Services,
 Member of the Supervisory Board of DIA Consult AG

Dr Jürg Witmer*Director*

Attorney, Swiss national, born 1948
 Chief Executive Officer
 First elected in 1999
 Current term of office expires in 2006

Member of the Board of
 Bank Sal. Oppenheim jr. & Cie. (Schweiz) AG

The curriculum vitae of the Board members are available on
 Givaudan's website www.givaudan.com – [about us] –
 [leadership] – [board of directors]

The term of office of the Board members is 3 years, subject to
 prior resignation or removal. Board members have to resign at
 the latest at the general meeting following their 70th birthday.
 Elections are by rotation in such a way that the term of about
 one third of the Board members expires every year.
 The election is individual.

The Chief Executive Officer is the only executive member of
 the Board of Directors. None of the non-executive Board
 members has important business connections with Givaudan SA
 or any of the members of the Givaudan group.

None of the non-executive members of the Board was a member
 of the management of Givaudan SA or of a company of the
 Givaudan group at any time prior to the period under review.

Committees of the Board

The Givaudan Board of Directors has delegated special duties to committees. Meetings of Board Committees are usually held before or after each Board meeting. The following committees have been established:

- 1 Chairman's Council
- 2 Nomination Committee
- 3 Compensation Committee
- 4 Audit Committee
- 5 Finance and Investment Committee
- 6 Strategy Committee

Committees of the Board						
Board member	1	2	3	4	5	6
Henri B. Meier	•	•	•			•
Andres F. Leuenberger	•			•		
Michel Bonjour		•	•			
André Hoffmann					•	
Henner Schierenbeck				•		
John Marthinsen					•	•
Jürg Witmer	•	•				•

In addition, the Board has delegated specific tasks to other committees, consisting of the CEO and managers with technical expertise: the Safety and Environment Committee and the Corporate Compliance Committee.

The roles of the committees are described on Givaudan's website www.givaudan.com – [about us] – [leadership] – [board of directors] – [committees of the board]

Board meetings

The Givaudan Board of Directors held four regular meetings and four extraordinary meetings in the year 2003. The seven Board members attended all meetings. Since Givaudan's independence in the year 2000, there has been full attendance at all Board meetings.

During each Board meeting, the operational performance of the company was presented by management. Selected members of management were invited to address specific projects. The Chairman meets with Executive Committee members frequently.

All Board members have direct access to the Givaudan Intranet where all internal information on key events, presentations and organisational changes are posted. In addition, the Board members receive via e-mail all press releases and information sent to investors/analysts.

In preparation for Board meetings, information is sent to the Board members via e-mail and ordinary mail. A data room containing additional information and historical data is set up prior to each meeting where Board members can consult relevant documents.

Board of Director's Meeting

The Givaudan's Board of Directors held a Board meeting in Japan in September 2003. The Board members felt that it was particularly relevant for their work to see first hand the importance of the activities carried out in this region. At the same time, the Executive Committee of Givaudan had their leadership meeting and individual members of management used this opportunity to conduct business meetings in various Asian countries.



The Board of Directors: Dr Jürg Witmer, Prof. Henner Schierenbeck, Prof. John Marthinsen, Dr Andres F. Leuenberger (back row); Dr Henri B. Meier, Michel Bonjour and André Hoffmann (front row).

The Asia Pacific region has the highest growth potential and is correspondingly very important for Givaudan, both for the Flavours and Fragrance Divisions. In Japan, where Givaudan has been present for over 70 years, the company has established a very strong position as a foreign player. This is even more remarkable since Japan is a mature and a highly competitive market.

The Board of Directors met *in corpore* in Tokyo at Givaudan's head office for Japan. After the Board meeting, a visit of the company's creation and application facilities for both flavours and fragrances as well as a site visit of the flavour production facilities in Fukuroi took place. The Board of Directors received

an update on the company's activities in Japan and Asia Pacific. They could also see first hand that the expansion of the Fukuroi facilities is well under way. This expansion will not only increase manufacturing and warehouse capacity, but will also make for a more efficient manufacturing process.



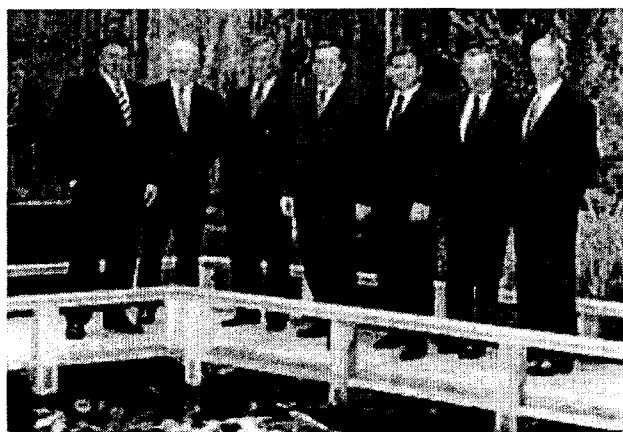
Mr. Tadanao Naganuma, President, Givaudan Japan K.K. shows Givaudan's chairman, Dr Henri B. Meier, a bottle of washed lemon flavour.

Our regional management for Asia Pacific, located in Singapore and Shanghai, took the opportunity to update the Board of Directors on the region's strategic direction as well as the major expansion projects in the region: In Singapore, the expansion of the flavour creation centre is almost complete while the expansion project for fragrances is still in progress. The new technical centre is close to completion and will enable Singapore to become the centre of expertise for ethnic and Asian flavours. This new



A tea house and tea plantation adjoining the Fukuroi factory. Although not the most important flavour in Japan, green tea plays an important role culturally and for well-being. It is both the most consumed and the most important drink in Japan and is reputed to have many health benefits. Givaudan uses tea flavours in products ranging from soft and instant drinks to ice creams and candies.

facility contains pilot plant equipment that will enable the company to perform test runs under industrial conditions, something that most of our customers are unable to do, hence, increasing their confidence that the product developed will be successful when launched. For Givaudan this is currently a significant point of differentiation from our competition in the region.



The Management Team: Dr Jürg Witmer, Othmar Vock, Errol Stafford (who retired end 2003), Adrien Gonckel, Bruce Bachmeier, Dietrich Fuhrmann and Mike Davis.

In China, the preparatory activities to set up a new flavour compounding plant and regional centre in Shanghai are well on the way. The new flavour facility will not only consist of an enlarged flavour plant but also creation and application capabilities, that will second Singapore in the increasing need to provide customers not only with exciting new flavours but also the industrial expertise to ensure that it will work.

The high growth potential of Asia and the significant expansion projects will enable us to continue to expand our strong market position in the region and ensure that Givaudan is well positioned to take advantage of this stimulating market.

Givaudan in Japan

Givaudan first established a presence in Japan in 1930 through agents and opened its own office in 1970. Today, the company has a work force of almost 200 employees spread over two locations, Tokyo and Fukuroi.

The head office in Tokyo houses Flavours, Fragrances and administrative activities. Both divisions operate with fully fledged sales, creation and application teams, which are equipped to answer all the specific needs of our customers.

The flavour production plant is located in Fukuroi, half-way between Tokyo and Osaka. This plant was built in 1994 and manufactures over 1,600 tons of flavours per year. In addition to the normal flavours production, the plant is specialised in manufacturing washed citrus flavours which are colourless liquid flavours used in the production of clear beverages such as lemonades. A project to expand the plant is in progress and will be operational in early 2004, allowing Givaudan to cope with the increasing demand in this important market.

One of the many reasons that the Japanese market is so appealing is the wide variety of functional foods that make up the local diet and offer Givaudan many exciting opportunities. As the primary ingredients in functional foods are often bitter, the masking of this taste presents an interesting challenge for our flavourists. This is often done with a sweet or citrus flavour, in order to make the product acceptable to consumers. This explains why citrus, and also vanilla, are the most important flavours in the Japanese market.

Executive Committee

The Executive Committee, under the leadership of the CEO, is responsible for all areas of management of the company that are not specifically reserved to the Board of Directors. Members of the Executive Committee are located in Switzerland, France and in the USA. The Executive Committee holds regular meetings at Givaudan sites around the world or by teleconference.

Members of the Executive Committee

Dr Jürg Witmer

Chief Executive Officer

joined Givaudan in 1999, born 1948,
Swiss national

Mike Davis

President Flavour Division

joined Givaudan in 1997, born 1947,
United States national

Errol Stafford (until 31.12.03)

President Fragrance Division

joined Givaudan in 1992, born 1943,
British national

Michael Carlos (from 1.1.04)

President Fragrance Division

joined Givaudan in 1984, born 1950,
Indian national

Othmar Vock

Chief Financial Officer

joined Givaudan in 1994, born 1943,
Swiss national

Adrien Gonckel

Information Technology

joined Givaudan in 1982, born 1952,
French national

Bruce Bachmeier

Human Resources

joined Givaudan in 1995, born 1957,
United States national

Dietrich Fuhrmann (until 31.03.04)

Strategy and Development

joined Givaudan in 2002, born 1941,
German national

The curriculum vitae of the members of the Executive Committee are available on Givaudan's website www.givaudan.com – [about us] – [leadership] – [management team]

Compensation, shareholdings and loans

Compensation

Givaudan has established a compensation plan for its senior executives. This plan is designed to attract, motivate and reward key executives for the achievement of ambitious goals required for future growth, profitability and creation of shareholder value. Compensation for senior executives consists typically of base salary, annual performance incentive and long-term incentive in the form of call options. The annual performance incentive payout is based on the achievement of previously agreed objectives and parameters. The most important performance criteria for senior executives are sales growth, operating performance and return on assets. The performance incentive is paid in the first quarter of each year and is calculated on the basis of the operating performance of the previous year.

The *Compensation Committee* of the Board of Directors approves the remuneration policy of the group and the remuneration of the members of the Executive Committee. It approves share option plans and other performance-related remuneration instruments as well as the pension-fund policies.

Compensation of non-executive members of the Board

In 2003 the aggregate compensation for the non-executive Board members amounted to CHF 820,000, compared with a compensation of CHF 830,000 for the year 2002. The compensation for 2003 is composed of CHF 490,000 for director fees (CHF 70,000 per board member and CHF 140,000 for the Chairman of the Board), total fees for participation in Board committee meetings of CHF 260,000 and a total lump sum contribution for out-of-pocket expenses of CHF 70,000. In addition to this compensation, 37,100 call options were granted. These options vest on 17 March 2005 and represent an aggregate value at grant of CHF 210,357.

Compensation of executive member of the Board and Executive Committee

In 2003 the aggregate compensation of the members of the Executive Committee, including the CEO, amounted to CHF 6,187,329. This figure also reflects the full year compensation of an additional member who joined the Executive Committee in May 2002. The compensation was paid in the currency of the country where the executive is based and the amounts were translated for the purpose of this report at average exchange rates. The aggregate compensation paid is composed of base salary of CHF 3,118,518 (representing an increase of 2.8% in local currencies), a performance incentive payment of CHF 2,398,438 based on the year 2002 operating performance, Board member compensation of CHF 160,000 for the CEO and an amount of CHF 510,374 representing other benefits in kind. In addition to the compensation, 205,300 call options were granted. These options vest on 17 March 2005 and represent an aggregate value at grant of CHF 1,164,051.

In addition to the above compensation, annualised expenses of CHF 757,525 have been incurred for supplementary retirement benefits established for members of the Executive Committee without the CEO. Also, an amount of CHF 2,342,000 has been accrued for two members of the Executive Committee. One member retired at 31 December 2003 and another member will retire in early 2004. The amount represents compensation and supplementary benefits upon retirement which will be paid out in the future.

Compensation of the Board member with the highest compensation

The CEO, as the member of the Board with the highest total compensation received an aggregate compensation in 2003 of CHF 1,409,533. This compensation is composed of CHF 640,000 base salary (representing an increase of 2.4%), a performance incentive payout of CHF 572,579 based on the year 2002 operating performance, Board compensation of CHF 160,000 and an amount of CHF 36,954 representing other benefits in kind. In addition to his compensation he has been awarded 50,300 call options. These options vest on 17 March 2005 and represent an aggregate value at grant of CHF 285,201.

In addition to the above compensation, a supplementary retirement benefit has been established for the CEO. The annualised expense for such benefit amounts to CHF 208,744. The CEO's total retirement benefit entitlement at age 65, including standard pension benefit from the company's pension fund, social security benefits (AHV/AVS) and the supplementary benefits amounts to a maximum of CHF 350,000 per year.

Special compensation of members of the Board and Executive Committee who left the company during the reporting period

No special compensation was paid out during the reporting period.

Compensation of former members of the Board and Executive Committee

An amount of CHF 30,000 has been paid to a former non-executive member of the Board for consulting services rendered during the reporting period.

Details about the Givaudan share option plan are described in the financial section, note 7 "employee benefits". No shares were allocated to any member of the Board, any member of the Executive Committee or any person closely connected to any of them during the reporting period.

Ownership of shares

As per 31 December 2003, the executive Board member (CEO) and members of the Executive Committee including closely connected persons held 441 Givaudan shares. The non-executive Board members including closely connected persons held 136,876 Givaudan shares.

Additional fees and loans

No additional fees and/or compensation were paid during the reporting period to any member of the Board, any member of the Executive Committee or any closely connected person. None of them had any loan outstanding as per 31 December 2003.

Ownership of share options

Givaudan's share options are fully tradable and the value at grant is the market value at the date of grant.

The following share options were granted during the corresponding periods and are still owned by the non-executive members of the Board as per 31 December 2003.

Year of grant	Maturity date	Vesting date	Ticker	Strike price (CHF)	Ratio (option: share)	Option value at grant date (CHF)	Number of options
2000	30 Sep 2005	21 Jul 2003	GIVHI	560	100:1	1.0961	204,000
2001	20 Feb 2006	19 Feb 2004	GIVUP	520	100:1	1.0120	245,000
2002	29 Jan 2007	28 Jan 2005	GIVBB	590	10:1	8.1200	32,200
2003	17 Mar 2008	17 Mar 2005	GIVMS	525	10:1	5.6700	37,100

The following share options are owned by the members of the Executive Committee and the executive member of the Board (CEO) as per 31 December 2003.

Year of grant	Maturity date	Vesting date	Ticker	Strike price (CHF)	Ratio (option: share)	Option value at grant date (CHF)	Number of options
2000	30 Sep 2005	21 Jul 2003	GIVHI	560	100:1	1.0961	0
2001	20 Feb 2006	19 Feb 2004	GIVUP	520	100:1	1.0120	1,085,000
2002	29 Jan 2007	28 Jan 2005	GIVBB	590	10:1	8.1200	164,600
2003	17 Mar 2008	17 Mar 2005	GIVMS	525	10:1	5.6700	205,300

The company is not aware of any ownership of share options, as per 31 December 2003, by persons closely connected to the Board of Directors and/or members of the Executive Committee.

Shareholders' participation rights

In exercising voting rights, no shareholder may, with his own shares and the shares he represents, accumulate more than 10% of the entire share capital. Entities which are bound by voting power, common management or otherwise or which act in a co-ordinated manner to circumvent the 10% rule are considered as one shareholder. This restriction does not apply to the exercise of voting rights through members of a corporate body, independent representatives and holders of deposited shares, to the extent that no avoidance of the said restriction to the voting rights results therefrom. Any change in this rule requires a positive vote of the absolute majority of the share votes represented at a shareholders' meeting.

Any shareholder who, on the day determined by the Board of Directors, is registered as a shareholder with voting rights has the right to attend and to vote at the shareholders meeting. *Each shareholder may be represented by another shareholder who is authorised by a written proxy, or by a legal representative, a holder of deposited shares, a member of a corporate body or an independent person designated by the company.*

The articles of incorporation of Givaudan SA follow the majority rules prescribed by law for general meetings of shareholders. The only exception, art. 12.1.9, which provided that a two thirds majority of the share votes represented is required (rather than the absolute majority required by law) for the change of the clauses on transfer restrictions (art. 5 paragraph 3), restriction on voting rights (art. 11 paragraph 2), conversion of registered shares into bearer shares, increase of the maximum number of members of the Board of Directors (art. 13 paragraph 1), recall of one fourth or more of the members of the Board of Directors and the change art. 12.1.9 itself, was deleted based on the decision of the last Annual General Meeting held on 11 April 2003.

Shareholders registered with voting rights are convened to shareholders' meetings by mail at least 20 days prior to the day of the meeting. Shareholders representing shares for a nominal value of at least CHF 1 million may demand in writing, at least 45 days before the meeting, that an item be included on the agenda, setting forth the item and the proposals.

Shareholders registered in the share register with voting rights at the date specified in the invitation will be convened to the Annual General Meeting on 16 April 2004. The specified date will be approximately two weeks before the meeting.

Change of control and defence measures

Givaudan SA does not have any rules on opting out or opting up. The legal provisions apply, by which anyone who acquires more than 33 1/3% of the voting rights of a listed company is required to make an offer to acquire all listed securities of the company that are listed for trading on the SWX Swiss Exchange.

In the event of a change of control that has not been approved by the Board of Directors, members of the Board of Directors and the Executive Committee will be entitled to a compensation equivalent to two years' remuneration. Additionally, all share options granted by the company to members of the Board of Directors and Givaudan employees will become immediately vested at a predetermined price.

Internal Audit

Corporate Internal Audit is an independent and objective corporate function established to assist management in achieving their objectives. The internal audit's role is to evaluate and contribute to the improvements of the company's risk management and control systems. This specifically includes also the analysis and evaluation of the effectiveness of business processes and recommendations for adjustments where necessary.

The audit approach is based on the business process audit methodology, which provides value to the local entities and to group management. Effective communication and reporting ensure an efficient implementation of the audit recommendations.

Corporate Internal Audit reports to the Audit Committee of the Board of Directors. The audit function has been headed since the year 2000 by Jean-Pierre Wirtz. For specific audits of affiliates, staff from Ernst & Young supports the internal audit function.

External Auditors

PricewaterhouseCoopers SA has been appointed as the world-wide auditors of the Givaudan Group since the spin-off in 2000. The responsible principal auditor since 2000 has been Ralph R. Reinertsen, partner.

The fees of PricewaterhouseCoopers SA for professional services related to the audit of the Group's annual accounts for the year 2003, amounted to CHF 2.1 million. This amount includes fees for the audit of Givaudan SA, of its subsidiaries, and of the consolidated financial statements.

In addition, for the year 2003, PricewaterhouseCoopers SA rendered other services (mainly tax related) for CHF 0.9 million.

The evaluation of the external auditors is done by the Audit Committee of the Board.

Information policy

Givaudan's Principles of Disclosure and Transparency are described in a publication posted on our internet website www.givaudan.com – [investor center] – [publications] – [corporate policies]

Hardcopies of company publications, such as annual report, half-year report and environment & safety report are available on request. They can also be downloaded from Givaudan's website under www.givaudan.com – [investor center] – [publications]

Other important website paths

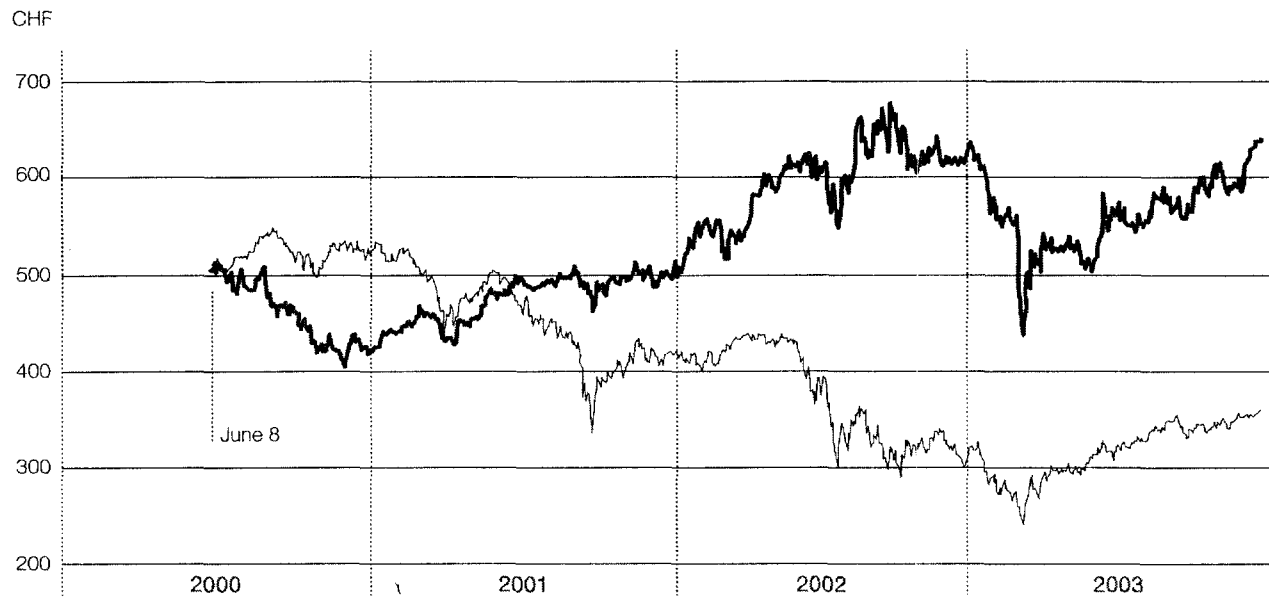
Quarterly sales information and other media releases:
www.givaudan.com – [media room] – [media releases]

Calendar of events:
www.givaudan.com – [investor center] – [agenda]

Articles of Incorporation:
www.givaudan.com – [investor center] – [publications] – [corporate policies]

Givaudan Securities

Price development of share

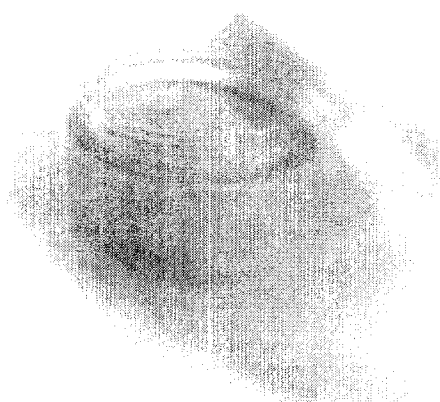


■ Givaudan
■ SMI (rebased)

Givaudan Nominal Shares are traded at virt-x, ticker symbol 1064593.



Financial Review



The honeysuckle species shown here belongs to the famous classical scented flowers of Europe prized for centuries by poets and perfumers alike. The German common name "Jelängerjelierer" (the longer the better) describes well how much we feel attracted by its most tender white-floral fragrance being at its prime during the late evening hours. All efforts to capture this unique flower scent in a commercial essential oil or absolute have failed for decades. Fortunately, Givaudan's headspace technique, combined with the most modern analytical equipment and its expertise in identifying the olfactorily relevant constituents, finally allowed our scientists to reconstitute the honeysuckle scent. And now it is available as an important component in the creation of fine fragrances as well as for cosmetic products, such as body lotions and creams.

Financial Review

in millions of Swiss francs, except per share data	Actual		Pro forma ^a
	2003	2002	2002
Sales	2,715	2,674	2,796
Gross profit	1,252	1,276	1,326
as % of sales	46.1%	47.7%	47.4%
EBITDA ^b	521	579	620
as % of sales	19.2%	21.7%	22.2%
Operating profit before restructuring costs	408	431	432
as % of sales	15.0%	16.1%	15.5%
Operating profit	340	405	432
as % of sales	12.5%	15.2%	15.5%
Net income	216	256	274
as % of sales	8.0%	9.6%	9.8%
Earnings per share – basic (CHF)	27.03	30.06	31.48
Earnings per share – diluted (CHF)	26.93	30.02	31.44
Operating cash flow	481	410	
as % of sales	17.7%	15.3%	

a) On 2 May 2002, Givaudan SA acquired 100% control of the flavour activities of Nestlé, Vevey-Switzerland, operating under the umbrella of Food Ingredients Specialities (FIS). The income statement related figures shown in the table above are derived from the unaudited Pro forma Consolidated Income Statement as if the acquisition had occurred on 1 January 2001. Details of the pro forma adjustments are disclosed in the Notes to the Pro forma Consolidated Income Statement on page 79.

b) EBITDA: **E**arnings **B**efore **I**nterest (and other financial income), **T**ax, **D**epreciation and **A**mortisation. This corresponds to operating profit before depreciation and amortisation.

For a group such as Givaudan, consolidating its results in Swiss francs, 2003 was a demanding year for business and for managing finance operations in order to preserve capital and enhance shareholder value. In the first semester the business had to deal with the negative impacts of war in the Middle East and the SARS health disruptions, which particularly affected the fast growing Far Eastern markets. Throughout the year Givaudan suffered pressure on the gross margin resulting from the Group having its industrial production base largely in the Euro block area and Switzerland, and selling its products worldwide including those markets affected by the rapidly depreciating US dollar. Further, it was

a demanding task to manage financial exposure in a year where equity markets initially dropped and then recovered with increasing speed. Currency movements were erratic even though over the full year the Euro together with the Swiss franc strongly gained value against other major currencies. Interest rate developments were without clear trends, which required exercising good judgement for hedging future potential interest rate movements. There existed a number of good opportunities to restructure company debt by engaging in longer term financial instruments. With such transactions Givaudan's balance sheet has improved its neutrality in currency terms, reducing translation losses and

thereby assuring long term capital preservation.

Givaudan has started special restructuring and cost saving programmes to counter temporary negative trends in operating performance. At the end of 2003, restructuring costs of CHF 68 million were recorded, starting in 2004 this will result in corresponding savings on a yearly basis. Excluding restructuring expenses, 2003 operating performance would have been higher compared to published results, i.e. EBITDA 21.7% vs. 19.2% and EBIT 15.0% vs. 12.5%. These results would look even more favourable, if we would compare results in US dollar terms, which is the currency of our

largest competitor and increasingly used for consolidation and performance measurement by various large Swiss multinational groups.

The higher operating cash flow of CHF 481 million not only allowed Givaudan to finance the higher investments in fixed assets, pay for the IBF acquisition, buy out the minority shareholder in our Chinese company, but also allowed further share buy-back activities and paying increased dividends. Consequently the strategy of giving back liquid funds to shareholders, which are not needed in the foreseeable future, has been followed in 2003.

Total non-operating expenses show a positive trend. Careful hedging of our financial exposure had a favourable impact. The upward movements from developments in our marketable securities is not reflected in our income statement since the revaluation of marketable securities of CHF 78 million is directly booked to equity according to the Inter-

national Financial Reporting Standards. However this strengthened the balance sheet equity ratio. Similarly the recording of treasury shares in equity has also helped improve this ratio. Careful tax management has allowed to achieve a lower expected tax rate.

In 2003 existing debt was restructured by lengthening maturities, locking in attractive longer term interest rates and switching to currencies with longer term devaluation potential. Net debt at year end 2003 stood at CHF 378 million compared to CHF 374 million at the 2002 year end. The equity to total balance sheet ratio stood at a comfortable 57%, compared with 61% as per year end 2002. In summary, good operating cash flow and sound financial management have contributed to the stable financial situation, even though CHF 294 million was spent during 2003 on the first and second share buy-back programmes and a dividend of CHF 65 million was paid to shareholders in April 2003.

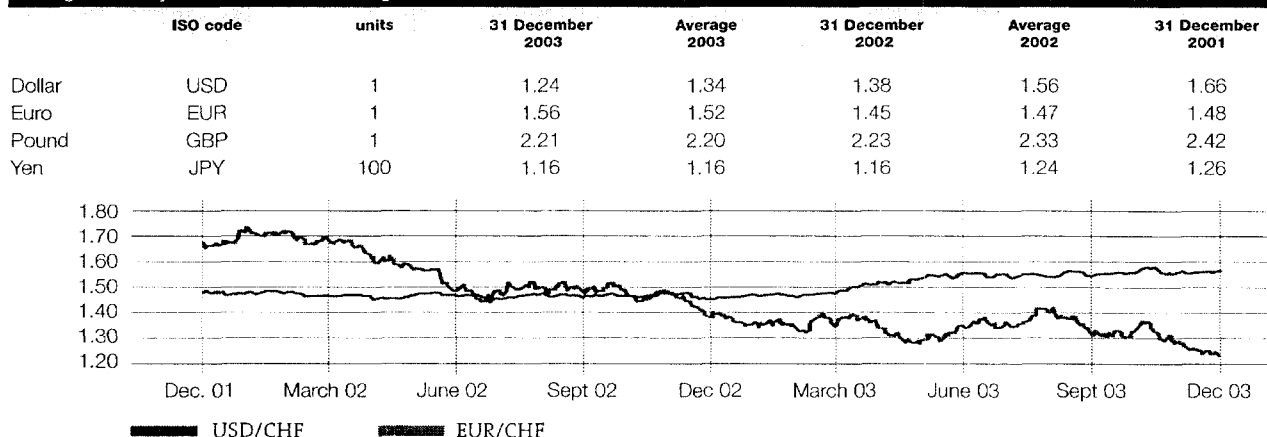
Underlying obligations from pension funds have improved substantially in 2003 due in part to sound investing for the long term. This will lead to a lower 2004 income statement pension expense.

Positive developments in the financial picture of Givaudan have induced the Board of Directors to propose an increase of the regular dividend by 10% from CHF 8.10 to CHF 8.90 per share. Furthermore, a special dividend of CHF 6.50 per share will be proposed.

Givaudan, in a year without large acquisitions, has made major efforts in upgrading accounting and reporting systems, pursuing strict adherence to all International Financial Reporting Standards, improving internal control systems and their application and fulfilling requirements of finance related corporate governance.

Foreign exchange rates

Foreign currency to Swiss francs exchange rate



Consolidated Financial Statements

Consolidated Income Statement for the Year Ended 31 December

<i>in millions of Swiss francs, except per share data</i>	Note	2003	2002
Sales	5	2,715	2,674
Cost of sales		(1,463)	(1,398)
► Gross profit		1,252	1,276
<i>as % of sales</i>		<i>46.1%</i>	<i>47.7%</i>
Marketing, development and distribution expenses	6	(643)	(638)
Administration expenses		(96)	(96)
Amortisation of intangible assets	17	(93)	(87)
Other operating income (expenses), net	8	(80)	(50)
► Operating profit		340	405
<i>as % of sales</i>		<i>12.5%</i>	<i>15.2%</i>
Financial income (expenses), net	9	(40)	(49)
► Result before taxes		300	356
Income taxes	10	(82)	(98)
► Result after taxes		218	258
Minority interest	11	(2)	(2)
► Net income		216	256
<i>as % of sales</i>		<i>8.0%</i>	<i>9.6%</i>
► Earnings per share – basic (CHF)	12	27.03	30.06
► Earnings per share – diluted (CHF)	12	26.93	30.02

Consolidated Balance Sheet at 31 December

<i>in millions of Swiss francs</i>	Note	2003	2002
Cash and cash equivalents		494	454
Available-for-sale financial assets	13	366	359
Accounts receivable – trade	14	414	427
Inventories	15	514	471
Current income tax assets	10	43	32
Trading financial instruments	19	49	35
Other current assets		65	72
► Current assets		1,945	1,850
Property, plant and equipment	16	1,012	1,007
Intangible assets	17	1,353	1,462
Deferred income tax assets	10	111	118
Other long-term assets		127	124
► Non-current assets		2,603	2,711
► Total assets		4,548	4,561
Short-term debt	18	249	532
Accounts payable – trade and others		163	145
Current income tax liabilities	10	27	4
Trading financial instruments	19	41	16
Accrued and other current liabilities		153	185
► Current liabilities		633	882
Long-term debt	18	989	655
Provisions	20	79	45
Liabilities for post-employment benefits	7	131	104
Deferred income tax liabilities	10	81	70
Other non-current liabilities		49	39
► Non-current liabilities		1,329	913
► Minority interest	11	1	5
Share capital		80	87
Retained earnings and reserves		3,010	3,279
Own equity instruments		(9)	(118)
Fair value reserve for available-for-sale financial assets		(115)	(193)
Equity component of exchangeable bond		10	10
Cumulative translation differences		(391)	(304)
► Equity	21	2,585	2,761
► Total liabilities, minority interest and equity		4,548	4,561

Consolidated Statement of Changes in Equity for the Years Ended 31 December 2002 and 2003

<i>in millions of Swiss francs</i>	Note	Share Capital	Retained earnings and reserves	Own equity instruments	Equity component of exchangeable bond	Fair value reserve for available-for-sale financial assets	Currency translation differences	Total
► Balance at 1 January 2002		86	3,021	(184)	10	(90)	(59)	2,784
Movement on fair value for available-for-sale financial assets, net						(105)	-	(105)
Movement on deferred taxes on fair value adjustments						2	-	2
Change in currency translation						-	(245)	(245)
Net gains (losses) not recognised in the income statement						(103)	(245)	(348)
Issuance of shares	21	1	59	-	-			60
Dividends paid	21	-	(57)	-	-			(57)
Net income		-	256	-	-			256
Movement on own equity instruments, net		-	-	66	-			66
Net changes in other equity items		1	258	66	-			325
► Balance at 31 December 2002		87	3,279	(118)	10	(193)	(304)	2,761
Movement on fair value for available-for-sale financial assets, net						79	-	79
Movement on deferred taxes on fair value adjustments						(1)	-	(1)
Change in currency translation						-	(87)	(87)
Net gains (losses) not recognised in the income statement						78	(87)	(9)
Cancellation of shares	21	(7)	(420)	427	-			-
Dividends paid	21	-	(65)	-	-			(65)
Net income		-	216	-	-			216
Movement on own equity instruments, net		-	-	(318)	-			(318)
Net changes in other equity items		(7)	(269)	109	-			(167)
► Balance at 31 December 2003		80	3,010	(9)	10	(115)	(391)	2,585

Consolidated Cash Flow Statement for the Year Ended 31 December

<i>in millions of Swiss francs</i>	Note	2003	2002
► Cash flows from (for) operating activities	23	481	410
Increase (decrease) in long-term debt, net		363	5
Increase (decrease) in short-term debt, net		(275)	229
Issuance of share capital		-	-
Interest paid		(49)	(58)
Dividends paid		(65)	(57)
Acquisition and sale of own equity instruments, net		(317)	(387)
Others		18	(7)
► Cash flows from (for) financing activities		(325)	(275)
Purchase of property, plant and equipment and intangible assets	16, 17	(158)	(92)
Proceeds from the disposal of property, plant and equipment and intangible assets		21	13
Interest received		4	7
Dividends received		5	4
Purchase and sale of available-for-sale financial assets, net		54	79
Purchase and sale of trading financial instruments, net		18	47
Acquisition of FIS, net of cash acquired	4	-	(200)
Acquisition of IBF	4	(31)	-
Acquisition of minority interest in China, net of cash acquired	11	(9)	-
Others, net		(17)	(1)
► Cash flows from (for) investing activities		(113)	(143)
Net effect of currency translation on cash and cash equivalents		(3)	(5)
Increase (decrease) in cash and cash equivalents		40	(13)
Cash and cash equivalents at the beginning of the year		454	467
► Cash and cash equivalents at the end of the year		494	454

During 2002, shares have been issued and treasury shares used for non-cash consideration to acquire assets of FIS (see Note 4)

During 2003, Givaudan SA shares have been purchased and cancelled (see Note 21).

Notes to the Consolidated Financial Statements

1. Group organisation

Givaudan SA and its subsidiaries (hereafter "the Group"), operate under the name Givaudan. The Group is headquartered in Vernier, near Geneva, Switzerland.

Givaudan is a leading supplier of creative fragrance and flavour products to consumer goods industries. It operates in over 100 countries and has subsidiaries in more than 20 countries. World-wide, it employs 5,981 people. A list of the principal Group companies is shown in Note 25 of the consolidated financial statements.

On 2 May 2002, the Group acquired 100% control of the flavour activities of Nestlé, Vevey-Switzerland, operating under the umbrella of Food Ingredients Specialities (hereafter "FIS").

On 7 January 2003, the Group acquired 100% control of International Bioflavors Inc. (hereafter "IBF"), located in Wisconsin (USA). No pro forma financial information relating to the IBF acquisition has been stated.

On 4 August 2003, Givaudan SA acquired the minority interest of Shanghai Givaudan Ltd.

The Group is listed on the SWX Swiss Exchange.

2. Summary of significant accounting policies

The consolidated financial statements have been prepared in accordance with and comply with International Financial Reporting Standards. They are prepared under the historical cost convention as modified by the revaluation of available-for-sale financial assets and trading financial instruments.

Givaudan SA's Board of Directors approved these consolidated financial statements on 27 February 2004.

The preparation of the consolidated financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent liabilities at the date of the financial statements, and reported amounts of revenues and expenses during the reporting period. If in the future such estimates and assumptions, which are based on management's best judgement at the date of the financial statements, deviate from the actual circumstances, the original estimates and assumptions will be modified as appropriate in the year in which the circumstances change.

The subsidiaries that are consolidated are those companies controlled, directly or indirectly, by Givaudan SA, where control is defined as the power to govern the financial and operating policies of an enterprise so as to obtain benefits from its activities. Thus control is normally

evidenced when the Group owns, either directly or indirectly, more than 50% of the voting rights of a company's share capital. Companies acquired during the year are consolidated from the date on which operating control is transferred to the Group, and subsidiaries to be divested are included up to the date on which control passes.

The purchase method of accounting is used to account for the acquisition of subsidiaries. The cost of an acquisition is measured as the fair value of the assets given up, shares issued or liabilities undertaken at the date of acquisition plus costs directly attributable to the acquisition. The excess of the cost of acquisition over the fair value of the net assets of the subsidiary acquired is recorded as goodwill. Where necessary, accounting policies of subsidiaries have been changed to ensure consistency with the policies adopted by the Group.

Foreign currency valuation

Items included in the financial statements of each entity in the Group are measured using the currency that best reflects the economic substance of the underlying events and circumstances relevant to that entity.

Assets and liabilities of Group companies reporting in currencies other than Swiss francs (foreign entities) are translated into Swiss francs using year-end rates of exchange. Sales, costs, expenses, net income and cash flows are translated at the average rates of exchange for the year. Translation differences due to the

changes in exchange rates between the beginning and the end of the year and the difference between net income translated at the average year and year-end exchange rates are taken directly to equity.

On the divestment of a foreign entity, the cumulative currency translation differences relating to that foreign entity are recognised in the income statement as part of the gain or loss on divestment.

Exchange gains and losses arising in Group companies from the translation into their local reporting currency of their financial assets and liabilities denominated in foreign currencies and from the settlement of foreign currency transactions are included in financial income (expense), net.

Segment reporting

Business segments provide products or services that are subject to risks and returns that are different from those of other business segments. Geographical segments provide products or services within a particular economic environment that is subject to risks and returns that are different from those of components operating in other economic environments.

Sales and cost of sales

Sales represent amounts received and receivable for goods supplied and services rendered to customers after deducting volume discounts and sales taxes. Sales are recognised when significant risks and rewards of ownership of the goods are transferred to the buyer, which is generally upon shipment of products.

Cost of sales includes the corresponding direct production costs of goods manufactured and services rendered as well as related production overheads.

Research and product development costs

Research and product development costs are charged against income as incurred since the criteria for their recognition as an asset are not met in the opinion of management.

Employee benefit costs

Wages, salaries, social security contributions, annual leave and sick leave paid, bonuses and non-monetary benefits are accrued or expensed in the year in which the associated services are rendered by the Group's employees.

Pension obligations

The Group operates a number of defined benefit and defined contribution plans throughout the world, the assets of which are generally held in separate trustee-administered funds. The pension plans are generally funded by payments from employees and by the relevant Group companies, taking account of the recommendations of independent qualified actuaries.

Defined benefit retirement plans based on employees' years of service and remuneration at retirement are generally provided for employees of most major Group companies. Plans are usually funded by payments from the Group and by the employees to financially independent trusts. Where, due to local conditions, a

plan is not funded, a liability is recorded in the financial statements. The aggregated cost for the year for defined benefit plans is determined using the projected unit credit method. This reflects service rendered by employees to the dates of valuation and incorporates actuarial assumptions primarily regarding discount rates used in determining the present value of benefits, projected rates of remuneration growth, and long-term expected rates of return on plan assets. Discount rates are based on the market yields of high-quality corporate bonds in the country concerned. Differences between assumptions and actual experiences, as well as the effects of changes in actuarial assumptions are allocated over the estimated average remaining working lives of employees. Past service costs are allocated over the average period until the benefits become vested. Pension assets and liabilities in different defined benefit schemes are not offset unless the Group has a legally enforceable right to use the surplus in one plan to settle obligations in the other plan.

The Group's contributions to defined contribution pension plans are charged to the income statement in the year to which they relate.

Other post-retirement obligations

Some Group companies provide certain post-retirement healthcare and life insurance benefits to their retirees, the entitlement to which is usually based on the employee remaining in service up to retirement age and completing a minimum service period. The expected

costs of these benefits are accrued over the periods in which employees render service to the Group.

Executive Share option plans

The Group established share option plans to align the long-term interests of Group executives and members of the Board of Directors with the interests of the shareholders. Key executives are awarded a portion of their performance-related compensation in Givaudan call options which may be exercised or settled in cash. The executive share option plans are established with Givaudan registered shares as underlying securities and are granted at the market price of the options on the date of the grant. Share options are set generally with a vesting period from two to three years, during which the options cannot be exercised or transferred. The Group has at its disposal either treasury shares or conditional share capital when the options are exercised. No compensation cost is recognised in the income statement for the granting of share options based on conditional capital, except for the underlying social security costs.

Taxation

Income taxes include all taxes based upon the taxable profits of the Group, including withholding taxes payable on the distribution of retained earnings within the Group. Other taxes not based on income, such as property and capital taxes, are included either in operating expenses or in financial expenses according to their nature.

Deferred income taxes are provided based on the balance sheet liability method, under which deferred tax consequences are recognised for temporary differences between the tax bases of assets and liabilities and their carrying values for financial reporting purposes. Deferred income tax assets relating to the carry-forward of unused tax losses are recognised to the extent that it is probable that future taxable profits will be available against which the unused tax losses can be utilised.

Current and deferred income tax assets and liabilities are offset when the income taxes are levied by the same taxation authority and when there is a legally enforceable right to offset them.

Cash and cash equivalents

Cash and cash equivalents comprises cash on hand and time, call and current balances with banks and similar institutions.

Financial Instruments

Financial assets are composed of debt and equity securities and are initially recorded at acquisition cost, including transaction costs. They are generally treated as available-for-sale financial assets; purchases and sales are accounted for on the settlement date. They are classified as current assets, unless they are expected to be realised beyond twelve months of the balance sheet date. At each period-end, for quoted financial assets, the book value is adjusted to the market value, the latter being calculated by reference to share exchange quoted selling prices at close of business on the balance sheet date, with a corresponding entry in equity.

Monetary items, such as marketable debt securities, denominated in a foreign currency are adjusted for the effect of any change in exchange rates with unrealised gain or loss booked in the income statement. Realised gain or loss is recognised in the income statement upon disposal of marketable securities or when determined to be impaired. Dividends and interest earned are included in the income statement as financial income.

At each period-end, non-quoted financial assets are re-valued at fair value based on prices given by reputable financial institutions or on the price of the latest transaction.

Available-for-sale financial assets are impaired when in management's opinion there is objective evidence that the estimated future recoverable amount is less than the carrying amount such as when their market value has been deeply below cost over a long period. The charge is recorded within financial income (expenses), net of the consolidated income statement.

Most derivative instruments are entered into for providing economic hedges. Generally, they do not qualify for hedge accounting according to IAS39 and are treated as held-for-trading financial instruments. They are initially recorded at cost, including transaction costs. Purchases and sales are accounted for on the settlement date. At period-end, the derivatives are re-valued at fair value based on quoted market prices at the balance sheet date, with unrealised gain or loss booked in the income statement.

They are de-recognised when the Group has lost control of the contractual rights of the derivatives, with realised gain or loss booked in the income statement.

The proceeds of straight bonds and of private placements of debt issues are recognised at the proceeds received, net of transaction costs incurred. Any discount arising from the coupon rate, represented by the difference between the net proceeds and the redemption value, is amortised using the effective interest rate method and charged to interest expense over the life of the bond. They are de-recognised at redemption date.

The proceeds, net of expenses, of exchangeable bonds are accounted for by splitting the debt element and the embedded derivative option. The fair value of the liability portion is determined using a market interest rate for an equivalent straight bond; this amount is recorded as a non-current liability. The debt discount arising from the difference between the debt element at issuance and the par value is recognised using the amortised cost method over the life of the bonds. The charge is recorded as interest expense in the income statement. The debt securities are de-recognised at the time of option exercise or at redemption date. The residual amount of the proceeds is allocated to the conversion option which is recognised and included in equity. The value of the conversion option is not changed in subsequent periods but will be reclassified to retained earnings at the time of conversion or at redemption date.

Information on financial risk management of the Group is described in the Note 3. Detailed disclosures can be found in Notes 13, 18 and 19 to the consolidated financial statements.

Accounts receivable – trade

Trade receivables are carried at anticipated realisable value. An allowance is made for doubtful receivables based on a periodic review of all outstanding amounts. During the year in which they are identified, bad debts are written off. The charge is reported within marketing, development and distribution expenses of the consolidated income statement.

Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is determined by the first-in, first-out (FIFO) method. The cost of finished goods and work in process comprises raw materials, direct labour, other direct costs and related production overheads but excluded borrowing costs.

Property, plant and equipment

Property, plant and equipment are initially recorded at cost of purchase or construction and are depreciated on a straight-line basis, except for land, which is not depreciated. Estimated useful lives of major classes of depreciable assets are as follows:

Buildings and land improvements	40 years
Machinery and equipment	5-15 years
Office equipment	3 years
Motor vehicles	5 years

Repairs and maintenance costs are recognised as expenses as incurred.

Interest costs on borrowings to finance the purchase or construction of property, plant and equipment are not capitalised. The Group has no significant finance leases. Payments made under operating leases are charged against income on a straight-line basis over the term of the lease.

Intangible assets

Goodwill represents the excess of the cost of an acquisition over the fair value of the Group's share of the net assets of the acquired subsidiary at the date of acquisition. Goodwill on acquisitions is recorded in the balance sheet as an intangible asset and is amortised on a straight-line basis over the estimated useful life but not in excess of 20 years. Any goodwill or fair value adjustments to the carrying amounts of assets and liabilities arising on the acquisition of a foreign entity are generally recorded in the local currency at the effective date of the transaction and translated at year-end exchange rate.

Other intangibles assets such as patents, licences, trademarks, know-how and process-oriented technology are initially recorded at their acquisition cost and are amortised on a straight-line basis over their estimated economic lives for a period limited to 20 years. Internally generated intangible assets are not capitalised.

Impairment of long-lived assets

When the recoverable amount of an asset, being the higher of its net selling price and its value in use, is less than its carrying amount, then the carrying amount is reduced to the asset's recoverable value. This reduction is reported as an impairment loss within other operating income (expenses), net, of the consolidated income statement. Value in use is determined using estimated cash flows, generally over a five-year period, with extrapolating projections for subsequent years. These are discounted using an appropriate long-term interest rate.

Provisions

Provisions are recognised when the Group has a present legal or constructive obligation as a result of past events, for which it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation, and a reliable estimate of the amount of the obligation can be made. Provisions are reviewed regularly and are adjusted where necessary to reflect the current best estimates of the obligation.

Restructuring provisions comprise lease termination penalties and employees termination payments, and are recognised in the period in which the Group becomes legally or constructively committed to payment. Costs related to the ongoing activities of the Group are not provided in advance.

Own equity instruments

Purchases of own equity instruments, own shares and derivatives on own shares, are recorded at acquisition cost including transaction costs as a deduction from equity. The original cost of acquisition, results from resale and other movements are reported as changes in equity, net.

Treasury shares acquired by the execution of own equity derivatives are recorded at the execution date market price. The difference between the market price and the strike price is recorded as gain or loss on derivative on own shares and remains in equity.

More detailed information is provided in Note 21 of the consolidated financial statements.

Dividends

Dividends are recorded in the period in which they are approved by the Group's shareholders.

International Financial Reporting Standards

The IASB continues its goal to develop global accounting standards by publishing new and revised International Financial Reporting Standards (IFRS). With respect to the widespread acceptance to use IFRS from 2005 in the European Union, the IASB has focused on having a comprehensive platform of standards in place by 31 March 2004.

The IFRS's below are expected to be applied at the latest for the annual periods beginning on 1 January 2005:

- Improvements to existing International Accounting Standards,
- Amendments to IASs 32 and 39 Financial Instruments,
- Macro hedging-limited amendments,
- Business combinations phase I,
- Share-based payment,
- Insurance contract phase I, and
- Disposal of non-current assets and presentation of discontinued operations

Within this context the Group is following IFRS developments and assessing their potential impact on the consolidated financial statements.

3. Financial risk management

Financial risk management within the Group is governed by policies approved by the Board of Directors and senior management. These policies cover foreign exchange risk, interest rate risk, market risk, credit risk and liquidity risk. Group policies also cover areas such as cash management, investment of excess funds and raising short- and long-term debt.

When deemed appropriate certain of the above risks are reduced through the use of financial instruments. Group management believe that, in order to create the optimum value for the Group, it is not desirable to eliminate or mitigate all possible market fluctuations. Financial instruments are selectively used to optimise value. Group companies report details of the financial instruments outstanding and financial liquidity positions to Group Treasury on a monthly basis.

Foreign exchange risk

The Group operates across the world and is exposed to movements in foreign currencies affecting its net income and financial position, as expressed in Swiss francs.

Transaction exposure arises because the equivalent amount in local currency paid or received in transactions denominated in foreign currencies may vary due to changes in exchange rates. For many Group companies income is generated primarily in the local currency. A significant amount of expenditures, especially for the purchase of goods for resale and interest on and repayment of loans are in foreign currencies. Similarly, transaction exposure arises on net balances of monetary assets held in foreign currencies. Group companies manage this exposure at a local level, if necessary by means of derivative financial instruments such as options and forward contracts. In addition, Group Treasury monitors total world-wide exposure with the help of comprehensive data received on a monthly basis.

Translation exposure arises from the consolidation of the foreign currency denominated financial statements of the Group's foreign subsidiaries. The effect on the Group's consolidated equity is shown as a currency translation difference.

Interest rate risk

Interest rate risk arises from movements in interest rates which could have adverse effects on the Group's net income or financial position. Changes in interest

rates cause variations in interest income and expenses on interest-bearing assets and liabilities. In addition, they can affect the market value of certain financial assets, liabilities and instruments as described in the following section on market risk.

Group companies manage their short-term interest rate risk locally, if necessary by means of derivative financial instruments such as interest rate swaps. Furthermore, the consolidated interest rate risk is monitored by Group Treasury on a world-wide level.

Market risk

Changes in the market value of certain financial assets, liabilities and instruments can affect the net income or financial position of the Group. The risk of loss in value is assessed by a very careful review prior to investing, diversification of assets and continuous monitoring of the performance of investments and changes in their risk configuration. The Group make use of derivatives financial instruments to manage risks on available-for-sale investments and debt instruments.

Credit risk

Credit risk arises from the possibility that the counter-party to a transaction may be unable or unwilling to meet their obligations causing a financial loss to the Group.

Trade receivables are subject to a policy of active risk management which focuses on the assessment of country risk, credit limits, ongoing credit evaluation and

account monitoring procedures. Collateral is generally not required. There are no significant concentrations within trade receivables of counter-party credit risk due to the large number of customers that the Group deals with and their wide geographical spread. Country risk limits and exposures are continuously monitored.

The exposure of other financial assets and liabilities to credit risk is controlled by setting a policy for limiting credit exposure to high-quality counter-parties, continuously reviewing credit ratings, and limiting individual aggregate credit exposure accordingly.

Liquidity risk

Group companies must have sufficient availability of cash to meet their obligations. Individual companies are responsible for their own cash management, including the short-term investment of cash surpluses and the raising of loans to cover cash deficits, subject to Group policies, guidelines and guidance.

4. Business combinations

IBF acquisition

On 7 January 2003, the Group acquired 100% control of International Bioflavors Inc., located in Wisconsin (USA).

No pro forma financial information relating to the IBF acquisition has been stated.

The acquisition of IBF has been accounted for in the financial statements by use of the purchase method of accounting.

The results of IBF operations have been incorporated in the consolidated income statement since 7 January 2003.

As stated in the agreement, the purchase price excluding transaction costs amounts to USD 21 million (equivalent to CHF 30 million) and consideration was in the form of cash. The Group acquired intangible assets consisting of goodwill plus process-oriented technology which are amortised on a straight-line basis over 20 years and 15 year respectively. The amortisation is included in the income statement under amortisation of intangible assets.

The total purchase consideration including transaction costs, the net assets acquired and the goodwill related to the IBF acquisition are as follows:

<i>in millions of Swiss francs</i>	Note	2003
► Total purchase consideration paid in cash		31
Accounts receivable – trade		2
Inventories		2
Net deferred tax assets		1
Property, plant and equipment		1
Intangible assets		16
Accounts payable		(3)
Accrued liabilities		(2)
Provisions		(1)
► Total of fair value of net assets acquired		16
Purchase consideration		31
Fair value of net assets acquired		(16)
► Total Goodwill	17	15

FIS acquisition

On 2 May 2002, the Group acquired 100% control of the flavour activities of Nestlé, Vevey–Switzerland, operating under the umbrella of Food Ingredients Specialities.

The acquisition of FIS has been accounted for in the financial statements by use of the purchase method of accounting. The results of FIS operations have been incorporated in the consolidated income statement since 2 May 2002. The goodwill is recognised as an intangible asset and is amortised on a straight-line basis over 20 years from the acquisition date. The amortisation of goodwill is included in the income statement under amortisation of intangible assets.

As part of the acquisition the Group acquired intellectual property rights predominantly consisting of know-how (being inseparable; processes, formulas and recipes) for CHF 339 million and recognised them as an intangible asset. The rights are amortised on a straight-line basis over 20 years with the expense included in the income statement under amortisation of intangible assets.

The goodwill and the cash related to the FIS acquisition are as follows:

<i>in millions of Swiss francs</i>	Note	2002
Cash paid		212
Issuance of own shares at fair value at acquisition date		60
Own shares delivered at fair value at acquisition date		455
► Total purchase consideration		727
Fair value of net assets acquired		(417)
Adjustments in 2003 to fair value of net assets acquired		9
► Total Goodwill	17	319

<i>in millions of Swiss francs</i>	Note	2002
Cash paid		212
Cash acquired		(12)
► Total of cash related to FIS acquisition, net of cash acquired		200

5. Segment information

The Group's world-wide operations are organised into two operating divisions, Fragrances and Flavours. These divisions are the basis upon which the Group reports its primary segment information.

The secondary format is based on geographical segmentation. The business segments operate in five main geographical areas, namely Switzerland, other EAME (Other Europe, Africa, Middle East), USA and Canada, Latin America and Asia Pacific.

Business segments

in millions of Swiss francs	Fragrances		Flavours		Group	
	2003	2002	2003	2002	2003	2002
Segment sales	1,112	1,125	1,615	1,559	2,727	2,684
Less inter-divisional sales ^a	(8)	(8)	(4)	(2)	(12)	(10)
Segment sales to third parties	1,104	1,117	1,611	1,557	2,715	2,674
EBITDA ^b	189	215	332	364	521	579
as % of sales	17.1%	19.3%	20.6%	23.4%	19.2%	21.7%
Depreciation	(42)	(43)	(46)	(44)	(88)	(87)
Amortisation	-	-	(93)	(87)	(93)	(87)
Operating profit	147	172	193	233	340	405
as % of sales	13.3%	15.4%	12.0%	15.0%	12.5%	15.2%
Operating assets ^c	891	863	2,402	2,504	3,293	3,367
Unallocated assets ^d					1,255	1,194
Consolidated total assets					4,548	4,561
Operating liabilities ^c	(48)	(41)	(38)	(47)	(86)	(88)
Unallocated liabilities ^d					(1,876)	(1,707)
Consolidated total liabilities					(1,962)	(1,795)
► Capital expenditures ^e	63	49	95	43	158	92
► Number of employees	2,507	2,535	3,474	3,309	5,981	5,844

a) Transfer prices for inter-divisional sales are set on an arm's length basis.

b) EBITDA: **E**arnings **B**efore **I**nterest (and other financial income), **T**ax, **D**epreciation and **A**mortisation.
This corresponds to operating profit before depreciation and amortisation.

c) Operating assets consist primarily of property, plant and equipment, intangibles, inventories and receivables.
Segment operating liabilities consist of trade accounts payable and notes payable.

d) Unallocated assets and liabilities mainly include current and deferred income tax balances, and financial assets and liabilities, principally cash, investments and debt.

e) Capital expenditures include additions to property, plant and equipment and to intangible assets, excluding acquisitions of subsidiaries.

Geographical segments

<i>in millions of Swiss francs</i>	Segment sales ^a		Segment net operating assets ^b		Capital expenditures ^c	
	2003	2002	2003	2002	2003	2002
Switzerland	105	123	1,038	1,019	72	29
Other EAME	958	832	507	495	22	15
USA and Canada	889	945	1,201	1,313	34	28
Latin America	238	252	127	137	9	7
Asia Pacific	525	522	334	315	21	13
► Total	2,715	2,674	3,207	3,279	158	92

a) Sales are shown by destination.

b) Operating assets consist primarily of property, plant and equipment, intangibles, inventories and receivables.
Segment operating liabilities consist of trade accounts payable and notes payable.

c) Capital expenditures include additions to property, plant and equipment and to intangible assets, excluding acquisitions of subsidiaries.

6. Marketing, development and distribution expenses

Expenses for product development and research activities in 2003 amounted to CHF 217 million (2002: CHF 206 million) and are included in the income statement under marketing, development and distribution expenses.

7. Employee benefits

The following amounts related to employee remuneration and benefits are included in determining operating profit:

<i>in millions of Swiss francs</i>	2003	2002
Wages and salaries	509	486
Social security costs	66	63
Post-employment benefits: defined benefit plans	68	48
Post-employment benefits: defined contribution plans	7	7
Other employee benefits	38	37
► Total employees' remuneration	688	641

At the year-end, the Group employed 5,981 people (2002: 5,844).

Post-employment benefits

Most employees are covered by retirement benefit plans sponsored by Group companies. The nature of such plans varies according to local legal regulations, fiscal requirements and economic conditions of the countries in which the employees are employed. Other post-employment benefits consist primarily of post-retirement healthcare and life insurance schemes, principally in the USA. Plans are usually funded by payments from the Group and by employees to financially independent trusts. Where a plan is unfunded, a liability for the entire obligation is recorded in the Group's balance sheet.

Amounts recognised in the income statement for post-employment defined benefit plans consist of the following:

<i>in millions of Swiss francs</i>	2003	2002
Current service cost	37	30
Interest cost	57	56
Expected return on plan assets	(45)	(47)
Net actuarial (gains) losses recognised	19	9
► Total included in employees' remuneration	68	48

The actual return on plan assets in 2003 was an increase of CHF 121 million (2002: a decrease of CHF 56 million).

Movements during the year in the net asset (liability) recognised in the balance sheet for post-employment defined benefit plans were as follows:

<i>in millions of Swiss francs</i>	2003	2002
At 1 January	(85)	(95)
Total expenses included in employees' remuneration	(68)	(48)
Changes in Group organisation; FIS acquisition	(6)	-
Contributions paid	36	42
Benefits paid (unfunded plans)	5	5
Currency translation effects and others	3	11
► At 31 December	(115)	(85)

The following amounts were recognised in the balance sheet for post-employment defined benefit plans:

<i>in millions of Swiss francs</i>	2003	2002
Unfunded plans		
Recognised liability for actuarial present value of unfunded obligations due to past and present employees	(83)	(84)
Funded plans		
Actuarial present value of funded obligations due to past and present employees	(990)	(1,059)
Plan assets held in trusts at fair value ^{a)}	825	683
Plan assets over (under) actuarial present value of funded obligations	(165)	(376)
Less		
- unrecognised actuarial (gains) losses	133	375
- unrecognised past service costs	-	-
Recognised asset (liability) for funded obligations due to past and present employees	(32)	(1)
► Total unfunded and funded plans	(115)	(85)
Asset (liability) recognised		
Deficit recognised as liabilities for post-employment benefits	(131)	(104)
Surplus recognised as part of other long-term assets	16	19
► Total net asset (liability) recognised	(115)	(85)

a) 522 Givaudan registered shares (2002: 522 shares) are included in the fair value of plan assets for an amount of CHF 0.3 million (2002: CHF 0.3 million).

The above amounts include non-pension post-employment benefit schemes, principally post-retirement healthcare and life insurance, with an actuarial present value of obligations of CHF 66 million at year end (2002: CHF 58 million). The related net liability recognised was CHF 50 million (2002: CHF 52 million). Actuarial losses of CHF 16 million (2002: losses of CHF 6 million) were unrecognised.

Amounts recognised in the balance sheet for post-employment defined benefit plans are predominantly non-current and are reported as non-current assets and non-current liabilities.

The Group's Japanese subsidiary participates in the Tokyo Cosmetics Fund, a multi-employer plan which by its nature is a defined benefit plan. This is accounted for as a defined contribution in the consolidated financial statements as the Group does not have access to sufficient information about the plan to account for it as a defined benefit plan. The related contribution expensed in the income statement was CHF 0.4 million (2002: CHF 0.4 million).

The Group operates defined benefit schemes in many countries for which the actuarial assumptions vary based on local economic and social conditions. The range of assumptions used in the actuarial valuations of the most significant defined benefit plans, in countries with stable currencies and interest rates, were as follows:

	2003	2002
Discount rates	4.0 to 6.3%	4.0 to 7.0%
Projected rates of remuneration growth	2.0 to 4.3%	2.0 to 5.0%
Expected rates of return on plan assets	5.5 to 9.3%	5.5 to 9.3%
Healthcare cost trend rate	6.0%	6.0%

Executive share option plan

Share options shown in the table below have been granted on a yearly basis. These options are tradable and transferable after the vesting period. The fair value of the options granted are based on market prices taking into account their respective terms and conditions upon which those equity instruments were granted. Participation in these plans is mandatory.

Share options outstanding at the end of the year have the following terms:

Year of grant	Maturity date	Vesting date	Strike price	Ratio (option: share)	Option value at grant date (CHF)	Number of options 2003	Number of options 2002
2000	30 September 2005	21 July 2003	560	100:1	1.0961	841,500	2,263,000
2001	20 February 2006	19 February 2004	520	100:1	1.0120	2,436,000	2,448,000
2002	29 January 2007	28 January 2005	590	10:1	8.1200	365,900	365,400
2003	17 March 2008	17 March 2005	525	10:1	5.6700	427,800	-

Movements in the number of share options outstanding are as follows:

Number of options expressed in equivalent shares	2003	2002
At 1 January	83,650	48,160
Granted	43,130	36,540
Sold	(14,215)	-
Exercised	-	-
Lapsed	(420)	(1,050)
► At 31 December	112,145	83,650

For these plans, the Group has at its disposal either treasury shares or conditional share capital up to an amount of CHF 1 million representing 100,000 registered shares with a par value of CHF 10 per share.

8. Other operating income (expenses), net

Other operating income (expenses), net represents predominantly various items such as commissions paid to agents, taxes from carrying on operating business and restructuring expenses.

In 2003, the Group initiated a large restructuring programme with the objective of improving the long-term profitability by reducing the Group's cost structure. Various projects to enhance cost efficiency have been defined and already started in 2003, while others with longer term time horizon will be implemented in the first half of 2004. In the frame of these programmes 300 positions have been identified for elimination through targeted job reductions. Restructuring costs related to these initiatives of CHF 68 million have been charged to the line other operating income (expenses), net. See also Note 20 on provisions.

9. Financial income (expenses), net

<i>in millions of Swiss francs</i>	2003	2002
Gains (losses) from available-for-sale financial assets, net	(4)	(16)
Interest income	4	11
Dividend income	5	4
Fair value and realised gains (losses) from derivatives instruments, net	6	71
Interest expense	(47)	(38)
Exchange gains (losses), net	13	(41)
Impairment of available-for-sale financial assets	-	(31)
Other financial income (expenses), net	(17)	(9)
► Total financial income (expenses), net	(40)	(49)

10. Income taxes

Amounts charged (credited) in the income statement are as follows:

<i>in millions of Swiss francs</i>	2003	2002
Current income taxes	81	65
Deferred income taxes	1	33
► Total income tax expenses	82	98

Since the Group operates globally, it is liable for income taxes in many different tax jurisdictions. The Group calculates its average expected tax rate as a weighted average of the tax rates in the tax jurisdictions in which the Group operates.

The Group's effective tax rate differs from the Group's average expected tax rate as follows:

	2003	2002
Group's average expected tax rate	22%	23%
Tax effect of		
- Income not taxable	(1)%	(2)%
- Expenses not deductible (including goodwill)	7%	5%
- Other differences	(1)%	1%
► Group's effective tax rate	27%	27%

Income tax assets and liabilities

Amounts recognised in the balance sheet related to income taxes are as follows:

Current income taxes

<i>in millions of Swiss francs</i>	2003	2002
Current income tax assets	43	32
Current income tax liabilities	(27)	(4)
► Net current income tax asset (liability)	16	28

Deferred income taxes

<i>in millions of Swiss francs</i>	2003	2002
Deferred income tax assets	111	118
Deferred income tax liabilities	(81)	(70)
► Net deferred income tax asset (liability)	30	48

Amounts recognised in the balance sheet for deferred taxes are reported as non-current assets and non-current liabilities, a portion of which is current and will be charged or credited to the income statement during 2004.

Deferred income tax assets are recognised for tax loss carry forwards only to the extent that realisation of the related tax benefit is probable. The Group has no material unrecognised tax losses. Deferred income tax liabilities have not been established for withholding tax and other taxes that would be payable on the un-remitted earnings of certain foreign subsidiaries, as such amounts are currently regarded as permanently reinvested.

Deferred income tax assets and liabilities and the related deferred income tax charges are attributable to the following items:

<i>in millions of Swiss francs – 2003</i>	Note	Property, plant & equipment	Intangible assets	Restructuring provisions	Other temporary differences	Total
Net deferred income tax asset at 1 January		(45)	45	4	44	48
Changes in Group organisation; IBF acquisition	4	-	-	-	1	1
Credited (charged) to income statement		(8)	(7)	-	14	(1)
Credited to equity		-	-	-	2	2
Currency translation effects		5	(3)	-	(22)	(20)
► Net deferred income tax asset (liability) at 31 December		(48)	35	4	39	30

<i>in millions of Swiss francs – 2002</i>	Note	Property, plant & equipment	Intangible assets	Restructuring provisions	Other temporary differences	Total
Net deferred income tax asset at 1 January		(37)	65	1	55	84
Changes in Group organisation; FIS acquisition	4	9	-	8	2	19
Credited (charged) to income statement		(23)	(8)	(4)	2	(33)
Credited to equity		-	-	-	3	3
Currency translation effects		6	(12)	(1)	(18)	(25)
► Net deferred income tax asset (liability) at 31 December		(45)	45	4	44	48

11. Minority interest

Minority interest represents the interests of third-party shareholders in the net results of operations and the net assets of subsidiary in Thailand which is not fully owned by Givaudan, either directly or indirectly.

On 4 August 2003, Givaudan SA acquired the minority interest of Shanghai Givaudan Ltd. Up to the date of acquisition the minority interest's portion of the net results from operations is reported within the line minority interest in the income statement. The goodwill of the acquisition amounts to CHF 6 million and is recognised as an intangible asset. The goodwill is amortised on a straight-line basis over 20 years from the acquisition date. The amortisation is included in the income statement under amortisation of intangibles assets.

12. Earnings per share**Basic earnings per share**

Basic earnings per share is calculated by dividing the net profit attributable to shareholders by the weighted average number of shares outstanding.

	2003	2002
Net income for the year (in CHF million)	216	256
Weighted average number of shares outstanding		
<i>Ordinary shares</i>	8,351,879	8,692,476
<i>Treasury shares</i>	(360,335)	(175,529)
	<u>7,991,544</u>	<u>8,516,947</u>
► Earnings per share – basic (CHF)	27.03	30.06

Diluted earnings per share

For the calculation of diluted earnings per share, the weighted average number of shares outstanding is adjusted to assume conversion of all dilutive potential shares.

	2003	2002
Net income adjusted for elimination of interest, net of tax of CHF 1 million (2002: CHF 0 million) for dilutive convertible instruments (CHF million)	217	256
Weighted average number of shares outstanding adjusted for executives shares options plans of 4,956 (2002: 4,950) and for shares on assumed conversion of convertible instruments of 61,828 (2002: 5,228)	8,058,328	8,527,125
► Earnings per share – diluted (CHF)	26.93	30.02

13. Available-for-sale financial assets

<i>in millions of Swiss francs</i>	2003	2002
Equity securities	354 ^{a)}	338
Bonds and debentures	100	121
► Total available-for-sale financial assets	454	459
Current assets	366	359
Non-current assets (included in Other long-term assets)	88	100
► Total available-for-sale financial assets	454	459

a) Equity securities totalling CHF 12 million are restricted for sale until the first quarter 2004.

14. Accounts receivable – trade

<i>in millions of Swiss francs</i>	2003	2002
Accounts receivable	426	437
Notes receivable	9	10
Less: allowance for doubtful accounts	(21)	(20)
► Total accounts receivable – trade	414	427

15. Inventories

<i>in millions of Swiss francs</i>	2003	2002
Raw materials and supplies	262	259
Work in process	29	24
Finished goods	242	208
Less: allowance for slow moving and obsolete inventories	(19)	(20)
► Total inventories	514	471

There is no significant inventory held at net realisable value.

16. Property, plant and equipment

<i>in millions of Swiss francs – 2003</i>	Note	Land	Buildings and building improvements	Machinery, equipment and vehicles	Construction in progress	Total
Net book value						
Balance at 1 January		63	453	451	40	1,007
Currency translation effects		(1)	(20)	(12)	(4)	(37)
Changes in Group organisation; IBF acquisition	4	-	1	-	-	1
Changes in Group organisation; purchase of minority interest in China	11	-	2	1	-	3
Additions		-	2	21	133	156
Disposals		(3)	(6)	(21)	-	(30)
Transfers		1	30	53	(84)	-
Depreciation		-	(20)	(68)	-	(88)
► Balance at 31 December		60	442	425	85	1,012
Cost		60	687	1,015	85	1,847
Accumulated depreciation		-	(245)	(590)	-	(835)
► Balance at 31 December		60	442	425	85	1,012

<i>in millions of Swiss francs – 2002</i>	Note	Land	Buildings and building improvements	Machinery, equipment and vehicles	Construction in progress	Total
Net book value						
Balance at 1 January		60	464	440	40	1,004
Currency translation effects		(6)	(49)	(39)	(3)	(97)
Changes in Group organisation; FIS acquisition	4	9	41	52	-	102
Additions		-	3	22	67	92
Disposals		-	(2)	(5)	-	(7)
Transfers		-	13	51	(64)	-
Depreciation		-	(17)	(70)	-	(87)
► Balance at 31 December		63	453	451	40	1,007
Cost		63	685	1,052	40	1,840
Accumulated depreciation		-	(232)	(601)	-	(833)
► Balance at 31 December		63	453	451	40	1,007

Operating lease commitments:

At year-end, the Group had commitments for the following future minimum payments under non-cancellable operating leases:

<i>in millions of Swiss francs</i>	2003	2002
Within one year	13	12
Within two to five years	22	20
Thereafter	26	22
► Total minimum payments	61	54

The total expenses for all operating leases was CHF 31 million (2002: CHF 31 million).

The Group has capital commitments for the purchase or construction of property, plant and equipment totalling CHF 29 million (2002: CHF 15 million).

17. Intangible assets

<i>in millions of Swiss francs – 2003</i>	Note	Goodwill	Patents, licenses, trademarks, know-how and other	Total
Net book value				
Balance at 1 January		1,134	328	1,462
Currency translation effects		(62)	(2)	(64)
Changes in Group organisation; FIS acquisition	4	9	-	9
Changes in Group organisation; IBF acquisition	4	15	16	31
Changes in Group organisation; purchase of minority interest in China	11	6	-	6
Additions		-	2	2
Disposals		-	-	-
Amortisation		(75)	(18)	(93)
► Balance at 31 December		1,027	326	1,353
Cost		1,426	419	1,845
Accumulated amortisation		(399)	(93)	(492)
► Net book value at 31 December		1,027	326	1,353

<i>in millions of Swiss francs – 2002</i>	Note	Goodwill	Patents, licenses, trademarks, know-how and other	Total
Net book value				
Balance at 1 January		1,055	-	1,055
Currency translation effects		(155)	-	(155)
Changes in Group organisation; FIS acquisition	4	310	339	649
Additions		-	-	-
Disposals		-	-	-
Amortisation		(76)	(11)	(87)
► Balance at 31 December		1,134	328	1,462
Cost		1,485	403	1,888
Accumulated amortisation		(351)	(75)	(426)
► Net book value at 31 December		1,134	328	1,462

At year-end, the Group had no significant capital commitments for the purchase of intangible assets.

18. Debt

<i>in millions of Swiss francs – 2003</i>	within two to three years	within four to five years	Thereafter	Total long-term	Short-term within one year	Total
Amounts due to banks and other financial institutions	-	-	-	-	249	249
Private placements	-	37	385	422	-	422
Straight bond	299	-	-	299	-	299
Exchangeable bond	268	-	-	268	-	268
► Total debt at 31 December	567	37	385	989	249	1,238

<i>in millions of Swiss francs – 2002</i>	within two to three years	within four to five years	Thereafter	Total long-term	Short-term within one year	Total
Amounts due to banks and other financial institutions	71	-	-	71	532	603
Straight bond	299	-	-	299	-	299
Exchangeable bond	-	285	-	285	-	285
► Total debt at 31 December	370	285	-	655	532	1,187

At year-end, the fair value of long-term debt was CHF 1.1 billion (2002: CHF 0.8 billion).

On 29 December 2000, the Group issued a 4.25% straight bond 2000-2005 with a nominal value of CHF 300 million.

On 7 June 2001 the Group issued a 1% exchangeable bond with a principal amount of USD 200 million made of 200,000 bonds of USD 1,000 denomination. The bond was issued by Givaudan United States, Inc., and is guaranteed by Givaudan SA (Holding company). The principal amount is accreted with a gross yield to maturity of 4% being 116.42% at maturity. The bond is exchangeable into ordinary registered shares of Givaudan SA. The maximum of shares to be delivered is 632,371 shares. The maturity of the bond is 7 June 2006 with the option for both bondholders and issuer to redeem the bonds before maturity under defined conditions. The net proceeds of the issue were USD 195 million (CHF 339 million). Thirty bonds have been converted during 2003 (2002: 1 bond converted).

On 7 February 2003, the Group entered into a private placement for a total amount of CHF 50 million. The private placement was made by Givaudan SA. It is redeemable in 2009 with an annual interest rate of 2.9%.

On 28 May 2003, the Group entered into a private placement for a total amount of USD 220 million. The private placement was made by Givaudan United States, Inc. It is redeemable by instalments at various times beginning on May 2008 through May 2015 with annual interest rates ranging from 3.65% to 5.0%. There are various covenants contained in the transaction covering conditions on net worth, indebtedness and disposition of assets of Givaudan United States, Inc. During 2003, Givaudan United States, Inc was fully in compliance with the covenants.

On 9 July 2003, the Group entered into a private placement for a total amount of CHF 100 million. The private placement was made by Givaudan SA. It is redeemable in 2013 with an annual interest rate of 3.3%.

The weighted average effective interest rates at the balance sheet date were as follows:

	2003	2002
Amounts due to banks and other financial institutions	2.3%	2.5%
Private placements	4.1%	-
Straight bond	4.3%	4.3%
Exchangeable bond	4.3%	4.3%

19. Trading financial instruments

In appropriate circumstances the Group uses derivative financial instruments as part of its risk management and trading strategies. This is discussed in the financial risk management section in Note 3 to the consolidated financial statements. The majority of the derivative financial instruments outstanding at year-end consisted of forward foreign currency contracts entered into by foreign affiliates for the purchase of currencies to settle liabilities within the Group.

The fair value of trading financial instruments held by the Group are as follow:

<i>in millions of Swiss francs</i>	2003	2002
Foreign currency derivatives, net		
- forward foreign exchange contracts	1	21
- options	1	6
Interest rate derivatives, net		
- swaps	(6)	(11)
- options on swaps	-	-
Other derivatives, net		
- options on equity securities	11	3
- futures	1	-
► Total trading financial instruments, net	8	19

The notional principal amounts of the outstanding interest swaps contracts at 31 December 2003 were JPY 1 billion (2002: JPY 3 billion) and USD 40 million (2002: USD 40 million). At 31 December 2003, the fixed interest rates vary for the JPY from 2.0% to 3.2% (2002: 2.0% to 3.2%) and the average floating rate was 0.5% (2002: 0.1%), while the fixed interest rates for the USD vary from 4.8% to 5.1% (2002: 5.0% to 5.1%) and the average floating rate was 1.6% (2002: 1.9%).

20. Provisions

<i>In millions of Swiss francs – 2003</i>	Note	Restructuring from FIS acquisition	Restructuring	Claims and litigations	Others	Total
Balance at 1 January		12	3	14	16	45
Changes in Group organisation; IBF acquisition	4	-	-	-	1	1
Additional provisions		3	60	5	1	69
Unused amounts reversed		-	-	-	(6)	(6)
Utilised during the year		(9)	(13)	(1)	(6)	(29)
Currency translation effects		-	-	(1)	-	(1)
► Balance at 31 December		6	50	17	6	79

<i>In millions of Swiss francs – 2002</i>	Note	Restructuring from FIS acquisition	Restructuring	Claims and litigations	Others	Total
Balance at 1 January		-	3	15	5	23
Changes in Group organisation; FIS acquisition	4	31	-	-	5	36
Additional provisions		-	-	2	10	12
Unused amounts reversed		-	-	(1)	(1)	(2)
Utilised during the year		(19)	-	(1)	(2)	(22)
Currency translation effects		-	-	(1)	(1)	(2)
► Balance at 31 December		12	3	14	16	45

Restructuring provisions from FIS acquisition

Provisions for the FIS acquisition have been recognised for compensating FIS employees for terminating of their employment and closing FIS facilities. It is expected that CHF 6 million will be used during 2004.

Restructuring provisions

Restructuring provisions arise from re-organisations of the Group's operations and management structure. It includes the large restructuring programme initiated by the Group. It is expected that CHF 34 million will be used during 2004. See Note 8 other operating income (expense), net.

Claims and litigation

These provisions are made in respect of legal claims brought against the Group and potential litigations. Related estimated legal fees are also included in these provisions. It is expected that CHF 1 million will be used during 2004.

Other provisions

These consist of provisions for environmental and other matters.

21. Equity

At 31 December 2003, the share capital amounts to CHF 80,000,000 divided into 8,000,000 fully paid-up registered shares with a nominal value of CHF 10 each. The Board of Directors has at its disposal conditional capital of a maximum aggregate amount of CHF 10,000,000 that may be issued through a maximum of 1,000,000 registered shares, of which a maximum of CHF 1,000,000 can be used for executive share options plans. Currently there is no authorised share capital available for the Board of Directors.

On 2 May 2002, the Group made use of its authorised share capital, issuing 100,000 registered shares for the FIS acquisition as a result to increase the share capital to CHF 87,256,270 divided into 8,725,627 fully paid-up registered shares with a nominal value of CHF 10 each.

On 3 April 2003, the Group had completed its share buy back programme with the repurchase of 725,627 registered shares over a second trading line on virt-x. At the Annual General Meeting on April 11, 2003, the shareholders agreed with the cancellation of the repurchased shares and with the corresponding reduction of the share capital by 8.3%, from CHF 87,256,270 to CHF 80,000,000. The cancellation became effective on 27 June 2003.

On 30 June 2003, the Group started a supplementary share buy back programme that will last until 30 June 2004. The Group intends to reduce its share capital of 8,000,000 to 7,200,000 registered shares with a subsequent cancellation of the shares bought back. The buying of a maximum of 800,000 registered shares (representing 10% of the share capital) is made through a second trading line on virt-x. The cancellation of the shares must be approved by the Group's shareholders and will be proposed to the Annual General Meeting on 16 April 2004. By 31 December 2003, the Group had repurchased 45,000 registered shares. By 27 February 2004, the Group had repurchased 50,000 registered shares for its share buy back programme.

Movements in own equity instruments are as follows:

	Number	Price in Swiss francs			Total in millions of Swiss francs
		High	Average	Low	
► Balance at 1 January 2003	274,234				118
Registered shares					
Purchases at cost	646,845	627.50	561.60	446.20	363
Sales at cost	(81,090)	581.60	484.98	449.50	(39)
Cancellation of shares	(725,627)	627.50	588.39	446.20	(427)
Realised (gain) loss, net					4
Exchangeable bond obligation ^a					1
Derivatives on own shares					
Purchase of open derivatives at cost					13
Sales of open derivatives at cost					(18)
Realised (gain) loss, net					(6)
► Balance at 31 December 2003	114,362				9

a) uncovered portion of the shares to be delivered.

	Number	Price in Swiss francs			Total in millions of Swiss francs
		High	Average	Low	
► Balance at 1 January 2002	398,269				184
Registered shares					
Purchases at cost	714,421	668.59	619.40	542.70	443
Sales at cost	(838,456)	633.82	550.82	476.01	(462)
Realised (gain) loss, net					(42)
Exchangeable bond obligation ^a					7
Derivatives on own shares					
Purchase of open derivatives at cost					29
Sales of open derivatives at cost					(22)
Realised (gain) loss, net					(19)
► Balance at 31 December 2002	274,234				118

a) uncovered portion of the shares to be delivered.

The Group has purchased call options and written put options to cover in-part the anticipated obligations related to the executive share option plans and the guaranteed exchangeable bonds issued on 7 June 2001. At 31 December 2003, the outstanding 564,070 put options (2002: 470,000) held by third parties on the Group's own shares have exercise prices from CHF 520 to CHF 640 per share (2002: from CHF 550 to CHF 640). Premiums of CHF 7 million (2002: 16 million) were received during the year. The put options can be exercised in 2004, 2005, 2006 and 2007 with gross physical delivery of the shares, and are treated as derivatives. The total Group's cash commitment is CHF 323 million (2002: CHF 271 million) with a fair value of the related own shares of CHF 362 million (2002: CHF 291 million).

At 31 December 2003, the Group held 114,362 (2002: 274,234) own shares and derivatives on own shares equating to a net position of 564,070 (2002: 470,000) own shares.

On 11 April 2003 the shareholders approved the distribution of a dividend of CHF 8.10 gross per share in respect of the 2002 business year. The distribution to holders of outstanding shares amounted to CHF 65 million and has been charged to retained earnings in 2003.

On 26 April 2002 the shareholders approved the distribution of a dividend of CHF 7.00 gross per share in respect of the 2001 business year. The distribution to holders of outstanding shares amounted to CHF 57 million and has been charged to retained earnings in 2002.

At the Annual General Meeting on 19 April 2004, the Board of Directors will propose an ordinary dividend in respect of 2003 business year of CHF 8.90 gross per share amounting to a total ordinary dividend of CHF 71 million. The Board of Directors will also propose an extraordinary dividend of CHF 6.50 gross per share amounting to a total extraordinary dividend of CHF 52 million.

22. Contingent liabilities

From time to time and in varying degrees, Group operations and earnings continue to be affected by political, legislative, fiscal and regulatory developments, including those relating to environmental protection, in the countries in which it operates. The industries in which the Group is engaged are also subject to physical risks of various kinds. The nature and frequency of these developments and events, not all of which are covered by insurance, as well as their effect on future operations and earnings are not predictable.

23. Cash flows from operations

<i>in millions of Swiss francs</i>	2003	2002
Net income	216	256
Non-operating income and expenses	124	149
Operating profit	340	405
Depreciation of property, plant and equipment	88	87
Amortisation of intangible assets	93	87
Other non-cash income and expenses	107	(31)
Adjustments for non-cash items	288	143
(Increase) decrease in inventories	(55)	(37)
(Increase) decrease in accounts receivable	6	2
(Increase) decrease in other current assets	5	(18)
Increase (decrease) in accounts payable	12	(14)
Increase (decrease) in other current liabilities	(30)	37
(Increase) decrease in working capital	(62)	(30)
Income taxes paid	(67)	(91)
Other operating cash flows, net	(18)	(17)
► Cash flows from (for) operating activities	481	410

24. Related parties

Disclosure of the remuneration paid to the Board of Directors is included in the Corporate Governance section of this document. There are no other significant related party transactions.

25. List of principal Group companies

The following are the principal companies of the Group. The companies are wholly-owned unless otherwise indicated (percentage of voting rights). Share capitals are shown in thousands of currencies. For the domicile, see page 90.

Switzerland	Givaudan SA	CHF	80,000
	Givaudan Suisse SA	CHF	4,000
	Givaudan Finance SA	CHF	300,000
Argentina	Givaudan Argentina SA	ARS	10
Australia	Givaudan Australia Pty Ltd	AUD	10
Bermuda	Givaudan International Ltd	USD	12
	FF Holdings (Bermuda) Ltd	USD	12
Brazil	Givaudan do Brasil Ltda	BRL	26,184
Canada	Givaudan Canada Co.	CAD	12,901
China	Shanghai Givaudan Ltd	USD	7,750
Colombia	Givaudan Colombia SA	COP	2,869,973
France	Givaudan Participation SAS	EUR	41,067
	Givaudan France Fragrances SAS	EUR	9,600
	Givaudan France Arômes SAS	EUR	1,714
Germany	Givaudan Deutschland GmbH	EUR	4,100
India	Givaudan (India) Pvt Ltd	INR	115,000
	Vinarom Pvt Ltd	INR	99,900
Indonesia	PT Givaudan Indonesia	IDR	1,215,600
Japan	Givaudan Japan KK	JPY	2,200,000
Malaysia	Givaudan Malaysia Sdn Bhd	MYR	200
Mexico	Givaudan de Mexico SA de CV	MXN	51,710
Netherlands	Givaudan Nederland BV	EUR	4,050
New Zealand	Givaudan New Zealand Ltd	NZD	450
Singapore	Givaudan Singapore Pte Ltd	SGD	12,012
South Africa	Givaudan South Africa (Pty) Ltd	ZAR	2
South Korea	Givaudan Korea Ltd	KRW	550,010
Spain	Givaudan Ibérica, SA	EUR	8,020
Thailand	Givaudan (Thailand) Ltd (79%)	THB	15,400
United Kingdom	Givaudan UK Ltd	GBP	15,700
U.S.A.	Givaudan (United States) Inc.	USD	0.05
	Givaudan Fragrances Corporation	USD	0.1
	Givaudan Flavors Corporation	USD	0.1
	Givaudan Flavors, Inc.	USD	1.4



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Report of the Group Auditors
to the General Meeting of Givaudan SA
Vernier

As auditors of the Group, we have audited the Consolidated Financial Statements of the Givaudan Group on pages 46 to 76 for the year ended 31 December 2003. These Consolidated Financial Statements are the responsibility of the Board of Directors of Givaudan SA. Our responsibility is to express an opinion on these Consolidated Financial Statements based on our audit. We confirm that we meet the Swiss legal requirements concerning professional qualification and independence.

Our audit was conducted in accordance with auditing standards promulgated by the Swiss profession and with the International Standards on Auditing, which require that an audit be planned and performed to obtain reasonable assurance about whether the Consolidated Financial Statements are free from material misstatement. We have examined on a test basis evidence supporting the amounts and disclosures in the Consolidated Financial Statements. We have also assessed the accounting principles used, significant estimates made and the overall consolidated financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the Consolidated Financial Statements of the Givaudan Group present fairly, in all material respects, the financial position at 31 December 2003, and the results of operations and the cash flows for the year then ended in accordance with the International Financial Reporting Standards and comply with relevant Swiss law.

We recommend that the Consolidated Financial Statements submitted to you be approved.

PricewaterhouseCoopers SA

Ralph R. Reinertsen

Felix Roth

Geneva, 27 February 2004

Pro forma Financial Information related to the FIS Acquisition (unaudited)

Pro forma Consolidated Income Statement for the Year Ended 31 December

<i>in millions of Swiss francs, except per share data</i>	Note	Actual	Pro forma
		2003	2002
Sales	2	2,715	2,796
Cost of sales	3	(1,463)	(1,470)
► Gross profit		1,252	1,326
as % of sales		46.1%	47.4%
Marketing, development and distribution expenses		(643)	(664)
Administration expenses		(96)	(108)
Amortisation of intangible assets	4	(93)	(98)
Other operating income (expenses), net	5	(80)	(24)
► Operating profit		340	432
as % of sales		12.5%	15.5%
Financial income (expenses), net	6	(40)	(53)
► Result before taxes		300	379
Income taxes	7	(82)	(103)
► Result after taxes		218	276
Minority interest		(2)	(2)
► Net income		216	274
as % of sales		8.0%	9.8%
► Earnings per share – basic (CHF)	8	27.03	31.48
► Earnings per share – diluted (CHF)	8	26.93	31.44

Notes to the Pro forma Consolidated Income Statement (unaudited)

1. Pro forma information

Pro forma information is presented for illustrative purposes and has been prepared based on the Consolidated Income Statement for the Year Ended 31 December 2002 and assuming the acquisition of FIS occurred on 1 January 2001. The pro forma information does not purport to represent what the Group's results of operations would actually have been. It has been prepared for illustrative purposes only and, because of their nature, cannot give a complete financial picture of the Group.

2. Sales

Sales to Nestlé realised by FIS are reclassified as sales to third parties. Sales to Givaudan realised by FIS and sales to FIS realised by Givaudan are fully eliminated.

3. Cost of sales

Cost of sales is adjusted correspondingly to the sales adjustments.

4. Amortisation of intangible assets

Goodwill and intellectual property amortisation is incorporated in the results as if the acquisition would have occurred on 1 January 2001.

5. Other operating expenses (income), net

One-time operating expenses related to the acquisition are excluded from the income statement.

6. Financial income (expenses), net

The adjustment reflects the increase in interest expense as a result of supplementary debt necessary for financing the operating activities of the acquired companies and the decrease in interest income as a result of cash reduction required to purchase the companies.

7. Income taxes

The pro forma adjustment reflects the increase in income taxes related to the above adjustments at the statutory rate of the Group entity in which the related items are recorded.

8. Earnings per share

The basic and diluted earnings per share adjustment reflect the assumption that the issuance of the 100,000 registered shares and the sale of treasury shares of 390,000 had occurred on 1 January 2001.

Statutory Financial Statements of Givaudan SA (Group Holding Company)

Income Statement for the Year Ended 31 December

<i>in millions of Swiss francs</i>	2003	2002
Income from investments in Group companies	157	113
Royalties from Group companies	293	164
Interest income from Group companies	4	8
Other income	102	192
► Total income	556	477
Royalties to Group companies	-	(1)
Research and Development expenses to Group companies	(117)	-
Interest expenses	(18)	(6)
Other expenses	(136)	(284)
Withholding taxes and capital taxes	(5)	(4)
► Total expenses	(276)	(295)
► Profit before taxes	280	182
Income taxes	(7)	(7)
► Net profit	273	175

Balance Sheet at 31 December

<i>in millions of Swiss francs</i>	2003	2002
Cash and cash equivalents	204	253
Marketable securities	226	222
Treasury shares allotted to share buy back programme	26	159
Accounts receivable from Group companies	37	93
Other current assets	107	86
► Current assets	600	813
Investments in Group companies	1,415	1,406
Loans to Group companies	480	398
Other long-term investments	-	2
Intangible assets	311	327
► Non-current assets	2,206	2,133
► Total assets	2,806	2,946
Loans from banks	152	225
Accounts payable to Group companies	66	9
Other payables and accrued liabilities	108	71
► Current liabilities	326	305
Loans from Group companies	531	473
► Non-current liabilities	531	473
► Total liabilities	857	778
Share capital	80	87
General legal reserve	66	66
Reserve for own equity instruments	63	171
Free reserve	1,316	1,472
Retained earnings		
Balance brought forward from previous year	151	197
Net profit of the year	273	175
► Equity	1,949	2,168
► Total liabilities and equity	2,806	2,946

Notes to the Statutory Financial Statements

1. General

The financial statements of Givaudan SA, Vernier near Geneva in Switzerland, are prepared in accordance with the provisions of Swiss company law and accepted business principles.

2. Valuation methods and translation of foreign currencies

Investments in and loans to Group companies are stated respectively at cost and nominal value less appropriate write-downs. Marketable securities are shown at the lower of cost and market value. Derivatives are re-valued at fair value.

In the balance sheet, foreign currency assets and liabilities are re-measured at year-end exchange rates with the exception of investments in Group companies which are valued at historical exchange rates. Foreign currency gains and losses are recorded in the income statement except for unrealised foreign currency gains which are deferred in the balance sheet.

3. Guarantees

Guarantees issued in favour of Group companies amounted to CHF 648 million (2002 CHF 648 million).

4. Equity

At 31 December 2003, the share capital amounts to CHF 80,000,000 divided into 8,000,000 fully paid-up registered shares with a nominal value of CHF 10 each. The Board of Directors has at its disposal conditional capital of a maximum aggregate amount of CHF 10,000,000 that may be issued through a maximum of 1,000,000 registered shares, of which a maximum of CHF 1,000,000 can be used for executive share options plans. Currently there is no authorised share capital available for the Board of Directors.

On 2 May 2002, the Group made use of its authorised share capital, issuing 100,000 registered shares for the FIS acquisition as a result to increase the share capital to CHF 87,256,270 divided into 8,725,627 fully paid-up registered shares with a nominal value of CHF 10 each.

On the 3 April 2003, the Group had completed its share buy back programme with the repurchased of 725,627 registered shares over a second trading line on *virt-x*. At the Annual General Meeting on April 11, 2003, the shareholders agreed with the cancellation of the repurchased shares and with the corresponding reduction of the share capital by 8.3%, from CHF 87,256,270 to CHF 80,000,000. The cancellation became effective on 27 June 2003.

On 30 June 2003, the Group started a supplementary share buy back programme that will last until 30 June 2004. The Group intends to reduce its share capital of 8,000,000 to 7,200,000 registered shares with a subsequent cancellation of the shares bought back. The buying of a maximum of 800,000 registered shares (representing 10% of the share capital) is made through a second trading line on *virt-x*. The cancellation of the shares must be approved by the Group's shareholders and will be proposed to the Annual General Meeting on 16 April 2004. By 31 December 2003, the Group had repurchased 45,000 registered shares. By 27 February 2004, the Group had repurchased 50,000 registered shares for its share buy back programme.

Movements in own equity instruments

	Number	Price in Swiss francs			Total in millions of Swiss francs
		High	Average	Low	
► Balance at 1 January 2003	274,234	668.59	620.34	467.86	170
Purchases at cost	646,845	627.50	561.60	446.20	363
Sales and transfers at cost	(81,090)	581.60	539.22	449.50	(43)
Cancellation of shares	(725,627)	627.50	588.39	446.20	(427)
Adjustments to fair value					-
► Balance at 31 December 2003	114,362	627.50	548.57	446.20	63

	Number	Price in Swiss francs			Total in millions of Swiss francs
		High	Average	Low	
► Balance at 1 January 2002	398,269	506.00	467.86	427.50	186
Purchases at cost	714,421	668.59	619.40	542.70	443
Sales and transfers at cost	(838,456)	633.74	546.95	467.86	(459)
Adjustments to fair value					-
► Balance at 31 December 2002	274,234	668.59	620.34	467.86	170

As 31 December 2003, there are no other companies controlled by Givaudan SA that hold own shares.

According to the information available to the Board of Directors at 31 December 2003, Nestlé SA with 10.78% (2002: 9.89%) of Givaudan shares was the only shareholder registered with voting rights who held more than 5% of the total share capital.

According to the information available to the Board of Directors, another shareholder, Harris Associates LP, held unregistered shares of more than 5% on 31 December 2003.

5. Movements in equity

<i>in millions of Swiss francs – 2003</i>	Share Capital	General legal reserve	Reserve for own equity instruments	Free reserve	Retained earnings	Total
► Balance at 1 January 2003	87	66	171	1,472	372	2,168
Cancellation of shares	(7)	-	-	(420)	-	(427)
Appropriation of available earnings						
Transfer to the general legal reserve	-	-	-	-	-	-
Transfer from the reserve for own equity instruments	-	-	(108)	108	-	-
Transfer to the free reserve	-	-	-	150	(150)	-
Dividend paid relating to 2002	-	-	-	6	(71)	(65)
Net profit of the year	-	-	-	-	273	273
► Balance at 31 December 2003	80	66	63	1,316	424	1,949

<i>in millions of Swiss francs – 2002</i>	Share Capital	General legal reserve	Reserve for own equity instruments	Free reserve	Retained earnings	Total
► Balance at 1 January 2002	86	17	194	1,296	407	2,000
Issue of share capital	1	49	-	-	-	50
Appropriation of available earnings						
Transfer to the general legal reserve	-	-	-	-	-	-
Transfer to the reserve for own equity instruments	-	-	(23)	23	-	-
Transfer to the free reserve	-	-	-	150	(150)	-
Dividend paid relating to 2001	-	-	-	3	(60)	(57)
Net profit of the year	-	-	-	-	175	175
► Balance at 31 December 2002	87	66	171	1,472	372	2,168

6. List of principal direct subsidiaries

The following are the principal direct subsidiaries of the company, which are wholly-owned unless otherwise indicated (percentage of voting rights).

Switzerland	Givaudan Suisse SA
	Givaudan Finance SA
Argentina	Givaudan Argentina SA
Australia	Givaudan Australia Pty Ltd
Brazil	Givaudan do Brasil Ltda
China	Shanghai Givaudan Ltd
Colombia	Givaudan Colombia SA
France	Givaudan Participation SAS
Germany	Givaudan Deutschland GmbH
India	Givaudan (India) Pvt Ltd
Indonesia	PT Givaudan Indonesia
Japan	Givaudan Japan KK
Malaysia	Givaudan Malaysia Sdn Bhd
Mexico	Givaudan de Mexico SA de CV
Netherlands	Givaudan Nederland BV
New Zealand	Givaudan New Zealand Ltd
Singapore	Givaudan Singapore Pte Ltd
South Africa	Givaudan South Africa (Pty) Ltd
South Korea	Givaudan Korea Ltd
Spain	Givaudan Ibérica, SA
Thailand	Givaudan (Thailand) Ltd (79%)
United Kingdom	Givaudan UK Ltd

Appropriation of Available Earnings of Givaudan SA

Proposal of the Board of Directors to the General Meeting of Shareholders

<i>in Swiss francs</i>	2003	2002
Net profit of the year	272,524,245	175,293,063
Balance brought forward from previous year	151,093,795	196,478,311
► Total available earnings	423,618,040	371,771,374
Transfer to general legal reserve	-	-
Distribution of an ordinary dividend of CHF 8.90 gross per share (2002: CHF 8.10)	71,200,000	70,677,579
Distribution of an extraordinary dividend of CHF 6.50 gross per share	52,000,000	-
Transfer to free reserve	150,000,000	150,000,000
► Total appropriation of available earnings	273,200,000	220,677,579
► Amount to be carried forward	150,418,040	151,093,795



Report of the Statutory Auditors
to the General Meeting of Givaudan SA
Vernier

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As statutory auditors, we have audited the accounting records and the financial statements on pages 80 to 85 of Givaudan SA for the year ended 31 December 2003.

These financial statements are the responsibility of the Board of Directors. Our responsibility is to express an opinion on these financial statements based on our audit. We confirm that we meet the Swiss legal requirements concerning professional qualification and independence.

Our audit was conducted in accordance with auditing standards promulgated by the Swiss profession, which require that an audit be planned and performed to obtain reasonable assurance about whether the financial statements are free from material misstatement. We have examined on a test basis evidence supporting the amounts and disclosures in the financial statements. We have also assessed the accounting principles used, significant estimates made and the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the accounting records and financial statements and the proposed appropriation of available earnings comply with relevant Swiss law and the company's articles of incorporation.

We recommend that the financial statements submitted to you be approved.

PricewaterhouseCoopers SA

A handwritten signature in black ink, appearing to read 'Ralph R. Reinertsen'.

Ralph R. Reinertsen

A handwritten signature in black ink, appearing to read 'F. Roth'.

Felix Roth

Geneva, 27 February 2004



Givaudan World-wide

An adverse climate prevents the inhabitants of the Alpine region from cultivating many plants important for cooking. Culinary creations are therefore an important highlight of the region's culture. A typical dish in the Eastern Alpine Region of Switzerland is barley soup (Bündner Gerstensuppe). Barley is a cereal that can grow

even at high altitudes. It is therefore a much appreciated soup ingredient and is also used for baking bread. As the soup needs to be cooked for up to two hours, it is not an ideal meal for a family in the 21st century, when the time spent cooking is reduced more and more. Givaudan has therefore studied hundreds of

original soups in order to create authentic flavours for ready-made soups. With the acquisition of FIS, Givaudan has acquired further important knowledge in the field of Savoury in order to offer its customers a wide range of authentic culinary flavours.

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